

**SITE DISCOVERY REPORT**

**North Orange County Site Discovery Project  
DTSC – Cypress Region**

**Cooperative Agreement No. V-97999001-2**

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**Prepared for:  
U.S. Environmental Protection Agency  
Region 9**

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## List of Acronyms

EPA	Environmental Protection Agency
DTSC	Department of Toxic Substances Control
RWQCB	Regional Water Quality Control Board
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
SARA	Superfund Amendments and Reauthorization Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CUPA	Certified Unified Program Agency
MCLs	Maximum Contaminant Levels
µg/l	microgram per liter

## 1.0 INTRODUCTION

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), Cypress Region was tasked to conduct a U.S. Environmental Protection Agency (EPA) Site Discovery Project for sites in the North Orange County (North OC), California area. The purpose of this North OC Site Discovery Project (Project) is to identify potential sources of groundwater contamination which has caused the closure of four production wells and threatened several other production wells. A Workplan for this Project was approved by EPA on December 6, 2010 (**Attachment 1**).

More information about the Superfund program is available on the EPA web site at <http://www.epa.gov/superfund>.

### 1.1 Apparent Problem

Orange County Water District (OCWD) is responsible for managing the vast Orange County Ground Water Basin (basin) under north and central Orange County (OC) that supplies water to more than 20 cities including the City of Fullerton and other water agencies, serving more than two million OC residents. Various investigations conducted by OCWD and others have revealed that groundwater in the northern portion of the basin is contaminated with volatile organic compounds, or VOCs. From the late 1950s through early 1980s, VOCs were used for industrial degreasing in metals and electronics manufacturing. VOCs were released into the environment and impacted the shallow aquifer, which is generally less than 200 feet deep. A very large multi-source groundwater contamination plume (**Figure 1**) is suspected to have been caused by past and present chemical handling practices of the sites in this area. Groundwater contamination originating in the shallow aquifer continues to migrate both laterally and vertically in response to hydraulic gradients in the area. Based on water level measurements collected from OCWD monitoring wells in 2005, depth to groundwater in the upper shallow aquifer system ranges from approximately 80 to 120 feet below ground surface (bgs).

To protect public health, the City of Fullerton shut down production wells F-FS13 and F-KIM1 in 1999 and 2001, respectively, as a result of increasing tetrachloroethene (PCE) concentrations. These wells were subsequently destroyed in 2002. The basin contains several production wells that are threatened by the contamination plume. In particular, well FM-8 has been found to contain high levels of tetrachloroethene (PCE), trichloroethene (TCE) and 1, 1-dichloroethene (1,1-DCE) contamination. FM-8 well is one of the monitoring wells in the Fullerton area. Other VOC chemicals such as 1,2-dichloroethane (1,2-DCA) and 1,2,3-trichloroethane (1,2,3-TCP), 1,4-dioxane, perchlorate, and nitrate, have been also found in groundwater beneath the project area. TCE and PCE have been detected at levels exceeding 5 and/or 10 times the MCLs at sites in the project area. These sites pose a serious threat

specifically to the groundwater wells in the area and to human health and the environment in general.

## **1.2 Proposed Solution**

OCWD has investigated groundwater conditions in the North Basin Area, and has prepared and updated a focused feasibility study to address groundwater contamination in the North Basin Area. OCWD has also filed lawsuits naming companies suspected to be the sources of the VOC and/or perchlorate contamination. DTSC's task was to review database information and site files, and conduct file search and field surveys, to discover additional potential contamination source sites. The additional identified sites were added to a project database together with other relevant information.

DTSC reviewed the comprehensive lists of sites from its own programs and other regulatory agencies. These include DTSC's databases HAZNET (HWTS), STARS, Tiered Permitting and EnviroStor, RWQCB's GeoTracker, and Orange County Health Care Agency (OCHCA)'s CUPA sites list. These databases were either accessed online or from their file room record to compile project database of all the sites in the Project area. The sites within less than one-mile from FM-8 well were entered in a Microsoft Excel spreadsheet with other relevant information to constitute the Project Data Sheet/Database (**Table 1**).

A Geographic Information Systems (GIS) tool available in DTSC's Intranet and an on-line tool at [www.johndcook.com/lat\\_long\\_distance.html](http://www.johndcook.com/lat_long_distance.html) was used to determine the latitude and longitude of a site and whether the site was within one-mile of FM-8 well's location. The sites within a one-mile radius from FM-8 well were selected because such sites have a higher likelihood of being potential contributors to groundwater contamination in the FM-8 well.

Using eight (8) scoring criteria, sites were prioritized and sorted from the highest scoring sites to the lowest scoring sites using the Project Priority Chart (**Table 2**).

## 2.0 PROJECT DESCRIPTION

The North Orange County (OC) Site Discovery Project was conducted in the southeast portion of the city of Fullerton in Orange County, California. The study area of the North OC Site Discovery Project (Project Area – **Figure 2**) is bounded by South State College Boulevard to the east, E. Commonwealth Avenue and S. Lillie Avenue to the north-east, S. Raymond Avenue to the west, E Walnut Avenue to the north, and E. Kimberly Avenue to the south. This area was chosen because it may contain the sources of groundwater contamination contributing to a regional plume impacting the FM-8 well. The maximum concentrations of trichloroethene (TCE), tetrachloroethene (PCE), 1,1-Dichloroethene (1,1-DCE) and 1,4-Dioxane detected in FM-8 well were 91.6 µg/l, 64.5 µg/l, 55.8 µg/l and 2 µg/l respectively, for the period of May 2001 through April 2010 (**Table 3**). Groundwater in the Project Area generally flows from east to the west, in the direction of FM-8 well. Currently the source of contamination of FM-8 well is unknown.

DTSC's project builds on the efforts of the Orange County Water District (OCWD) to identify sources of groundwater contamination. The study area for OCWD's North Basin Groundwater Protection Project (NBGPP) includes the area of DTSC's North OC Site Discovery Project. The purpose of this project is to identify potential sources of groundwater contamination which have caused the closure of four production wells and threatened several other production wells. **Table 4** shows contaminant concentrations in extraction wells in the Fullerton area.

### 2.1 Project Study Area Location

The project study area includes a major portion of southern part of the city of Fullerton, Orange County, California. The project study area is located on the north side of the State Route (SR)-91 Freeway. The Project Area was selected to be within one-mile of FM-8 well which is located near the intersection of East Walnut Avenue and South Raymond Avenue in Fullerton.

### **3.0 HYDROGEOLOGIC SETTING**

The Project Study area is located within the Orange County Groundwater Basin (basin) which is part of the 360-square-mile Coastal Plain of Orange County. The Santa Ana River, the primary surface water drainage feature in the area, is located east and southeast of the Project Area. OCWD manages groundwater recharge and pumping to ensure that the basin is not overdrawn. OCWD recharges the basin with water from Santa Ana River (SAR) and to a lesser extent with imported water purchased from the Metropolitan Water District of Southern California. The northern portion of the basin, which includes the cities of Fullerton and Anaheim, falls within the region known as the Forebay, which is predominant area of the basin recharge. The basin contains two aquifers that are separated by a fine-grained layer at a depth of approximately 200 to 250 feet. OCWD has divided the aquifers into three aquifer systems defined by regional aquitards, differences in potentiometric surfaces, and changes in water quality. The Shallow Aquifer System includes sediments extending to an average depth of approximately 150 feet beneath the Study Area. The Principal Aquifer System contains unconsolidated strata extending to an average depth of about 850 feet. The Deep Aquifer System contains the unconsolidated aquifers below about 900 feet, extending to an average depth of 1,300 feet beneath the Study Area. Groundwater in these systems generally occurs under unconfined conditions in the northern Study Area and under semi-confined to confined conditions in the south. In the northern section of OCWD's groundwater basin (under Fullerton and Anaheim), portions of the shallow aquifer are contaminated with VOCs. Groundwater contamination in the NBGPP is primarily found in the shallow aquifer, which is generally less than 200 feet and is not directly used for drinking water supply.

The depth to groundwater in the shallow aquifer system ranges from approximately 80 to 120 feet bgs. The groundwater flow is from east to west beneath the project Study Area but its flow may change seasonally and over time due to changes in the pumping patterns and the rainy seasons. The highest groundwater contamination in the Study Area has been found in the Shallow Aquifer System.

#### **4.0 OPERATIONAL HISTORY OF THE PROJECT AREA**

The Project Area was previously used for agricultural purposes from 1920 to 1954. Since then, numerous industrial facilities (sites) have contributed to groundwater contamination in the area. The California Regional Water Quality Control Board (RWQCB), Santa Ana Region, identified several sites potentially responsible for groundwater contamination in the north basin. The sites suspected to be major contributors to the groundwater contamination plumes in the Project Area include American Electronics aka Graphics 2000, Johnson Controls aka Southern California Edison, Programmed Composites, Chicago Musical Instruments aka United Duralume, EDO Corporation aka USF/Reddaway, S C I F Fullerton (former Weber Aircraft) aka Weyerhaeuser Company, Orange County Metal Processing, Alco Fastening Systems, Mesa Cold Storage, PCA Metals, and Allergan aka Inland Computer Products, and may include many other sites. All of these sites may be associated with groundwater contamination plumes that are suspected to have been caused by past and present chemical handling practices.

#### **4.1 Operational History of Major Sites in the Project Area**

The operational history of some of the major sites in the Project Area is listed below:

**FORMER WEBER AIRCRAFT FACILITY:** Prior to Weber's occupancy of the property, CBS, Inc. aka Fender Musical Instruments (Fender) occupied the property. Fender's operations at the site included the use of chemical dipping tanks and underground storage tanks. Some of the manufacturing processes utilized at this site required the use of spray painting, chemical plating, degreasing and chemical storage.

In July and August of 2001, Arcadis performed a subsurface soil investigation that included the collection of soil vapor samples from soil vapor probes and the collection of soil samples from soil borings. With the exception of Area 4, where a generator that used natural gas was located, four of five designated areas at the site were investigated. These areas included:

Area 1 - Southwest Building Process Room, PCE Degreaser, and West Dock;

Area 2 - Southwest Former Dip Tank Shed;

Area 3 - Chemical Storage;

Area 4 - Southside Vent Pipe; and

Area 5 - Southeast Former Underground Storage Tanks.

Soil vapor samples SV-1 through SV-6 were collected from Area 1, and soil vapor samples SV-7 and SV-8 were collected from Area 3. The highest concentrations found were 1,1 -DCE and PCE, which were detected in SV-5 at 20 feet bgs.

Arcadis collected soil samples from eight soil borings, SB-1 thru SB-8. Concentrations of PCE ranging from 15 µg/kg to 21.0 µg/kg were reported in the soil samples collected from SB-3 and SB-4.

From November 11, 2001 to January 18, 2002, Arcadis performed the additional soil and initial groundwater sampling activities at the site. Four groundwater monitoring wells (MW-1 through MW-4) were installed to establish the groundwater flow direction beneath the site, and to assess the VOC impact to the groundwater near the existing solvent degreaser along the west side of the facility. TCE was found in concentrations ranging from 45 µg/l to 150 µg/l, with the highest concentration found in MW-1. PCE was found in concentrations ranging from 2.8 µg/l to 19 µg/l, with the highest concentration found in MW-2.

In June 2002, MW-5 was installed adjacent to MW-1 and in the vicinity of the PCE degreaser. Analytical results of soil samples collected from the MW-5 boring indicated the presence of PCE, ranging in concentrations from 7.2 µg/kg to 63 µg/kg, with the highest concentrations found at 10 feet bgs, and TCE, ranging in concentrations from 17 µg/kg to 47 µg/kg, with the highest concentrations found at 70 feet bgs. The analytical results for groundwater samples collected at approximately 120, 135, and 151 feet bgs indicated the presence of PCE and TCE in concentrations ranging from 7.6 µg/l to 23 µg/l.

**Alcoa Fastening Systems, Inc.:** The facility is a manufacturer of fasteners for the aerospace industries. The manufacturing of fasteners at the site began under Microdot, Inc. in 1962. Microdot, Inc. filed for bankruptcy and the business was bought by Kaynar Manufacturing in 1993. Fairchild Fasteners purchased the facility and later sold it to Alcoa Fastening Systems in December 2004. The fastener manufacturing process involves forming, machining, heat treating, and electroplating of aluminum, titanium, steel alloys and stainless steels. The electroplating process involves the use of cadmium, silver, nickel, copper, chromium and zinc plating solutions. In 1996, the facility conducted soil and soil gas investigations and found a maximum concentration of 14,130 µg/kg tetrachloroethylene (PCE) in soil, and 2,541 µg/l in soil gas.

**Johnson Controls (Battery Group), Inc.:** The property was developed from agricultural land in 1956 and battery manufacturing began in the mid 1960s by Globe Union. In 1978 Globe Union merged with Johnson Controls Battery Group, Inc. The facility was granted RCRA Interim Status on March 30, 1981. The facility received Acceptance of Closure Certification on June 12, 1995. A Phase I Environmental Assessment Checklist declaring "further investigation not necessary" was submitted on 2/27/97. Groundwater Contamination: Groundwater was investigated at the facility by collecting groundwater samples from two onsite groundwater monitoring wells. Sample results show PCE at concentrations ranging from 3.7 to 10 micrograms per liter (µg/l) and TCE concentration ranging from 13 to 33 µg/l. JCI is located within a regional VOC groundwater plume and site-specific groundwater cleanup is not a viable option considering the low concentration beneath the site and continued migration of contaminated groundwater from up gradient sources. The VOC concentrations in groundwater at the site are at or below the concentrations observed in the regional VOC plume.

**PCA Metal Finishing:** The site is an inactive electro-chemical facility located in an industrial and manufacturing area. The site occupies approximately 97,000 sq. feet. The facility consists of two contiguous properties with separate addresses. In a letter dated April 20, 1990, the Santa Ana Regional Water Quality Control Board requested the facility to submit a report about its use of organic solvents and submit a workplan for conducting a subsurface investigation to identify any presence of solvents in the soil. As a result of the investigation, a release of chlorinated solvents in nearby public water wells was discovered. A regional investigation of groundwater impact in the area has documented that there were multiple sources for the chlorinated solvents in the groundwater. On August 12, 1993, the facility obtained Conditional Authorization under DTSC's Tiered Permitting program and on September 12, 1995 it was upgraded to a Permit-By-Rule (PBR) authorization to treat hazardous wastewater and to manage sludge. Subsequently, 157 soil samples were collected from 54 different borings and groundwater samples were collected on several occasions from six groundwater monitoring wells located within 200 feet of the center of the site. The investigations confirmed releases of chlorinated solvents at the site. In 2006, the facility began closing its operations under the oversight of Orange County Health Care Agency and ceased manufacturing operations entirely by mid March 2007. The County has referred the site to DTSC's Enforcement Branch for further action.

**Orange County Metal Processing (OCMP):** The site is a metal finishing shop which coats metal parts with finishes for metal, used by automobile and computer manufacturers. The area of the property is approximately 14,000 square feet. OCMP was authorized to operate a Tiered Permitting On-Site Hazardous Waste Treatment System (System) under the Conditional Authorization Tier (DTSC 1772) on April 1, 1993. OCMP submitted a Phase I Environmental Assessment Checklist as required by Health & Safety Code Section 25200.14 on December 23, 1996. The contaminants detected during sample analysis were cadmium, chromium, copper, zinc and VOCs. Predominant VOCs were PCE and TCE. Review of the results showed contamination throughout the site in soil and groundwater.

**Chicago Musical Instrument (CMI):** The site was previously used for agricultural purposes until 1954 when a musical instrument manufacturer F E Olds and Son, Inc. (Olds), constructed a new industrial building at the site and moved its manufacturing facility from Los Angeles to the site. Sometimes during this period, CMI merged with Olds and eventually took over the ownership of Olds. According to OCWD records, CMI was purchased by Norlin Industries, Inc. which is now defunct. CMI manufactured musical instruments and brass parts at the site. CMI reported conducting nickel, silver, and gold plating at the site and constructed several sumps within the manufacturing building. In 2009, OCWD conducted a soil gas survey at the site and detected TCE at concentrations ranging between 520 and 1,300 µg/l, PCE at concentrations ranging between 1,300 and 4,700 µg/l as well as 1,1-DCE at concentrations between 1,200 and 1,700 µg/l. A sampling and analysis plan (SAP) is being initiated to evaluate the potential presence of chemical constituents in soil gas, soil, and groundwater at the site.

**American Electronics, Inc.** On June 20, 1996, a no further action letter was issued for the groundwater at this site. This letter was conditioned upon maintenance of existing monitoring wells BP-2, BP-3, BP-4 and BP8, and annual monitoring of these wells for at least two years.

Annual monitoring of wells BP-2, BP-3, BP-4 and BP-8 was conducted in November 1996 and December 1997. The December 1997 report indicates that trichloroethene (TCE), tetrachloroethene (PCE), and 1,1-dichloroethene (DCE) were detected at maximum concentrations of 22.90 and 3.1 micrograms per liter ( $\mu\text{g/l}$ ), respectively. Toluene was reported at concentrations ranging from 19 to 29  $\mu\text{g/l}$  and 1,2-dichloroethane (DCA) was detected at concentrations ranging from 2.5 to 5.2  $\mu\text{g/l}$ . Toluene appears to have been introduced as a lab contaminant and 1,2-DCA has been detected only sporadically in these wells in the past.

## **5.0 REGULATORY AGENCIES INVOLVEMENT**

Agency files were not reviewed as part of this project, because that work is part of the site screening task in the current PA/SI Cooperative Agreement. Individual site screening or site reassessment will be conducted on selected sites to determine the site-specific details.

### **5.1 U.S. Environmental Protection Agency (EPA)**

EPA's CERCLIS database was reviewed. Sites in CERCLIS are flagged in the project database as active, archived or none, and will be designated for potential site reassessment instead of site screening.

There is no information indicating that any of the currently unregulated sites, (i.e. sites not known to be under current oversight by any agency) had previous involvement with EPA.

### **5.2 Department of Toxic Substances Control (DTSC)**

Sites were checked against DTSC's EnviroStor database. For sites in EnviroStor, the information was used to populate the EnviroStor Status field in the project database. DTSC's HAZNET database was reviewed for manifest information on types and volumes of waste streams and any cleanup waste shipped off site. EnviroStor shows no current or significant past DTSC involvement with any of the currently unregulated sites. This Site Discovery Project has been incorporated into the work of the Cypress Cleanup Program under the Orange County Groundwater (OCGW) Team.

### **5.3 Regional Water Quality Control Boards (RWQCBs)**

The Regional Water Quality Control Board's (RWQCB) "GeoTracker" database was reviewed. For sites in GeoTracker, the information was used to populate the RWQCB field of the project database as "Open-Remediation" or "Completed/Closed) with date, where available.

### **5.4 County and City Certified Unified Planning Agencies (CUPAs)**

A list of sites in the project area and contamination information from the Orange County Health Care Agency (OCHCA) was received. This information was found at:

<http://ochealthinfo.com/regulatory/downloads/reports.htm>

The currently unregulated sites were not included on OCHCA's list.

## 5.5 Orange County Water District (OCWD)

The OCWD was established by the state legislature in 1933 to protect the water resources of Orange County and to represent the County's water purveyors. OCWD monitors groundwater wells, collects water quality data, and coordinates the use of groundwater in the County. OCWD initiated the South Basin Groundwater Protection Project in an effort to address groundwater contamination in the southeast Santa Ana and surrounding area. DTSC has attended several meetings with OCWD in which this Site Discovery Project was discussed, among other topics. OCWD provided DTSC with a Composite VOC Plume Map and data for contamination concentrations detected in FM-8 and other wells in the Project Area.

## 6.0 SOURCES OF INFORMATION

The following sources of information and methodology were used to collect and input information in the project database as proposed by DTSC.

### 6.1 Site Identification Criteria

First, business listings showing activities involving aerospace, plating, metal fabrication and finishing, machining, plastics, dry cleaning, printed circuit boards, electronic design and manufacturing, chemical manufacturing and distribution, machine tool and die shops, and adhesive manufacturing were used to select the potential sites to be reviewed for the site discovery project.

Second, HWTS sites with total yearly tonnage of one ton or more, with the following waste codes, were included in the Project database:

<u>Code</u>	<u>Category Waste</u>
211	Halogenated Solvents
351	Organic Solids with Halogens
611	Contaminated Soils from site cleanup
352	Other Organic Solids
214	Unspecified Solvent Mixture
343	Unspecified Organic Liquid Mixture
741	Liquids w / Halogenated Organic Comp & qt; = 1000 MG/L
342	Organic Liquids with Metals
251	Still Bottoms with Halogenated Organics
----	Blank/Unknown (this category was selected due to the large number of manifests with this designation)

## **6.2 Site Identification Sources**

1. U.S. EPA's CERCLIS database was checked for site status (active, archived, or not in CERCLIS). The Project database indicates which sites are in CERCLIS, so DTSC can separate the list into sites for future screening and reassessment.
2. DTSC's Hazardous Waste Tracking System (HWTS) was reviewed to identify generators of hazardous waste containing VOCs.
3. DTSC's EnviroStor database, the RWQCB's Geotracker database, and the Orange County Health Care Agency (OCHCA) sites list were checked to identify sites listed in those programs.
4. Compiled evidence was reviewed to identify sites with confirmed contamination, for future site screening, and for enforcement if necessary.
5. A drive-by survey was conducted to confirm site addresses and size.

## **6.3 Sanborn Maps Data**

DTSC contacted the History Room of Fullerton Public Library about the availability of Sanborn Insurance Maps data and/or Polk's Guide for reference for the period of 1940 to 1970 for the city of Fullerton. Unfortunately, there were no Sanborn Maps for the requested area. Polk's Guide for the area was also not available.

## **6.4 Investigative Efforts**

The above-referenced databases and lists were reviewed and investigated to select a total of 171 sites which were found to be within the Project Area. All of the relevant site information was entered into the Project database. Forty one (41) sites were found to be listed in OCHCA/CUPA's website. Only two (2) sites were listed in the CERCLIS database, twelve (12) sites were listed in GeoTracker and eight (8) sites were in EnviroStor. However, 126 sites were not listed in any of these databases and therefore are regarded as "unregulated" sites.

## 7.0 PRIORITIZATION METHODOLOGY

The total score for each site out of maximum of 20 points were added to determine the priority of the site according to the following eight criteria:

No	Criteria	Points Assigned	Total
1	Site Distance from FM-8 well	0 - 0.25 mile = + 3 0.25 - 0.50 mile = + 2 0.50 - 0.75 mile = + 1 0.75 - 1.00 mile = + 0	3
2	Is the site known to have used solvent (>1 ton total) on a regular basis?	Yes = +3 No = 0	3
3	Does the site lie within the footprint of a localized plume?	Yes = +2 No = 0	2
4	Is the site currently under a regulatory order for investigative or remedial action?	Yes = 0 No = +3	3
5	Number of years site has been in operation at this location	21+ yrs > = + 3 11 - 20 yrs = + 2 0 - 10 yrs = + 1	3
6	Use of halogenated organic compounds listed in DTSC's HWTS Database	Yes = +2 No = 0	2
7	Size of the site/property	Large : > 1 acre = + 2 Medium: 0.25 - 1.0 acre = + 1 Small : < 0.25 acre = + 0	2
8	Have the site disposed large volumes of manifested waste (> 1 ton total) as Blank/unknown?	Yes = +2 No = 0	2
		Maximum score	20

The Project Priority Chart was sorted from higher scoring sites to lower scoring sites. The sites at the top of the Project Priority Chart scoring 15 or more points, with no active regulatory involvement, provided a short list of sites for future Site Screening or Site Reassessment (**Table 5**). The sites found in the CERCLIS database are highlighted in the Project Priority Chart.

## **8.0 HAZARD RANKING SYSTEM FACTORS**

The National Contingency Plan [40 CFR 300.415 (b) (2)] authorizes EPA to consider emergency response actions at sites that pose an imminent threat to human health or the environment. With the current level of information on all of the evaluated sites, a referral to EPA's Emergency Response Section is not warranted at this time. However, specific information will be determined when site screenings or re-assessments are conducted for these sites.

## **9.0 SUMMARY**

It was determined that 126 sites in the project area are not being actively overseen by EPA, DTSC, RWQCB, or OCHCA. Some of these sites may pose a threat to human health and/or the environment. Of the 171 total potential sites in the project area, 3 sites are already under investigation, and 21 sites (scoring 15 or above out of 20 maximum) are recommended for site screening. The two sites recommended for reassessment rather than screening, Ruan Transportation Corporation and PCA Metals, have been chosen because these sites are listed in CERCLIS. Sites already listed in CERCLIS do not require screening.

## **10.0 DELIVERABLE**

DTSC has produced and finalized this Site Discovery Report according to the approved template for the North OC Site Discovery Project. Some of the highest priority sites will be included in this fiscal year's Workplan for the DTSC - EPA Cooperative Agreement, the remainder to be screened during next fiscal year, subject to U.S. EPA's approval.

## **11.0 LIST OF DOCUMENTS INCLUDED**

### **TABLES**

- Table 1 - Project Data Sheet/Database (Source: DTSC)**
- Table 2 - Project Priority Chart (Source: DTSC)**
- Table 3 - Key Parameter Concentrations in Well No.FM-8 (Source: OCWD)**
- Table 4 - Key Parameter Concentrations in Monitoring Wells (Source: OCWD)**
- Table 5 - List of Sites Recommended for Site Screening or Site Re-assessment (Source:DTSc)**

### **FIGURES**

- Figure 1 - Project Area Map (Source: DTSC EnviroStor)**
- Figure 2 - Composite VOC Plume Map (Source: OCWD)**

### **ATTACHMENTS**

- Attachment 1 - North Orange County Site Discovery Workplan (Source DTSC, Approved by EPA)**

# TABLES

## **Table 1**

### **Project Data Sheet/Database (Source:DTSC)**

Map Ref No.	Site Name	Address	City	Zip	Distance (feet) - Direction From FM8	Property Acres (length x width)	Regulatory List	Detections of Chemicals of Concern (PCE, TCE, perchlorate in Groundwater)	Latitude	Longitude	Overseeing Regulatory Agency	File Review Date	CERCLIS Status	Envirostor Status	GeoTracker Status	County HCA Status	EPA ID#	HAZNET Waste Types and Quantities (in tons)	HWTS California Waste Codes & Descriptions	Drive-by Date and Info	Site Screening or Reassessment Priority
1	Acacia Career Training Facility (aka North Orange County Regional Occupational Center)	301 S. Acacia Ave.	Fullerton	92831	1742 - E	0.23 acres	DTSC- HWTS	Unknown	33.86839	-117.89827	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000120418	Nothing Found	Nothing Found	11/30/2010	8
2	Siegling America	350 S. Acacia Ave.	Fullerton	92831	1769 - E	> 0.25 acres	DTSC- HWTS	Unknown	33.86761	-117.89818	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000139492	Nothing Found	Nothing Found	11/30/2010	9
3	FAAC International, Inc.	357 S. Acacia Ave.	Fullerton	92831	1749 - E	0.11 acres	DTSC- HWTS	Unknown	33.86749	-117.89826	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000350728	Nothing Found	Nothing Found	11/30/2010	8
4	SAAC International, Inc.	357 S. Acacia Ave. Unit 357	Fullerton	92831	1749 - E	0.11 acres	DTSC - HWTS	Unknown	33.86749	-117.89826	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002649655	Nothing Found	Nothing Found	11/30/2010	8
5	Omni Optical (aka Omni Optical Products, Inc.; aka Coca Cola Foods; aka Nutri-Foods International, Inc.)	360 S. Acacia Ave.	Fullerton	92831	1775 - E	> 1 acres	OCHCA LUST, Industrial Cleanup	Diesel, Gasoline, Waste Oil, PCE	33.86745	-117.89818	OCHCA	12/16/2010	None	None	Completed - Case Closed as of 7/13/1987	Closed as of 5/27/1988; No Additional Remediation	CAC001330424 CAP000040006 CAD000308239 CAX000088104	0.17 1.8765 0.9174	343 - Unspecified Organic Liquid Mixture 741 - Liquid with Halogenated Organic Compound 211 - Halogenated Solvents	11/30/2010	16
6	Bimbo Bakeries USA (aka Airborne Express)	366 S. Acacia Ave.	Fullerton	92831	1782 - E	> 1 acres	DTSC- HWTS	Unknown	33.86736	-117.89817	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000213106 CAC001465936	0.005	211 - Halogenated Solvents	11/30/2010	11
7	Whitton GMN (aka GMN Whitton Spindell)	369 S. Acacia Ave.	Fullerton	92631	1737 - E	> 0.25 acres	DTSC- HWTS	Unknown	33.86756	-117.898292	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000111433 CAD983668088	Nothing Found	Nothing Found	11/30/2010	9
8	Right Connection Sportswear Company (aka Red Hat Society)	371 S. Acacia Ave.	Fullerton	92831	1760 - E	> 0.25 acres	DTSC-HWTS	Unknown	33.86727	-117.89826	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000318919	0.1353 0.1353	214 - Unspecified Solvent Mixture Blank/Unknown	11/30/2010	12
9	S C Precision Molds, Inc.	419 S. Acacia Ave.	Fullerton	92631	1814 - E	> 0.25 acres	DTSC- HWTS	Unknown	33.86662	-117.89825	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD982506040	Nothing Found	Nothing Found	11/30/2010	9
10	WD & J Machine & Engineering	443 S. Acacia Ave.	Fullerton	92831	1848 - E	> 0.25 acres	DTSC- HWTS	Unknown	33.86634	-117.89824	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000200899 CAL000257443	Nothing Found	Nothing Found	11/30/2010	9
11	Khyber Foods Incorporated (aka Alnor Oil)	500 S. Acacia Ave.	Fullerton	92831	1965 - ESE	> 0.5 acres	OCHCH UST	Unknown	33.86568	-117.89815	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002609778	5.9605	Blank/Unknown	11/30/2010	11
12	Wilson's Art Studio, Inc (aka Solutions Unlimited)	501 S. Acacia Ave.	Fullerton	92831	1947 - ESE	> 10 acres	OCHCA-HWSTS	ink Waste	33.86565	-117.89823	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 3/6/09	CAL000194220	8.195 11.9175	343 - Unspecified Organic Liquid Mixture Blank/Unknown	11/30/2010	13
13	Yokohama Tire Corporation	601 S. Acacia Ave.	Fullerton	92831	2160 - ESE	> 20 acres	DTSC- HWTS	Unknown	33.86455	-117.89821	None	9/13/2010	None	None	Nothing found	Nothing Found	CAP600928671	0.342	214 - Unspecified Solvent Mixture	11/30/2010	14
14	UPS Freight (aka Overnite Transportation)	650 S. Acacia Ave.	Fullerton	92831	2181 - ESE	> 10 acres	OCHCA HWSTS	Waste Oil, Oil/Fuel Filters, Waste Absorbent	33.86454	-117.89813	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 7/12/10	CAC002614456 CAL000308732	0.4215 1.817 1.1835 3.27835	214 - Unspecified Solvent Mixture 343 - Unspecified Organic Liquid Mixture 352 - Other Organic Solids Blank/Unknown	11/30/2010	15
15	City of Fullerton - Fire Department #3	700 S. Acacia Ave.	Fullerton	92831	2238 - ESE	1.5 acres	DTSC - HWTS	Unknown	33.86428	-117.89813	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002106240	Nothing Found	Nothing Found	11/30/2010	10
16	Plasticolor Molded Products Inc. (aka Plasticolor Molded Products; aka Lokalex Inc.; aka Specialty Extrusion Corporation; aka Specialty Extrusion Ltd.)	801 S. Acacia Ave.	Fullerton	92831	2505 - SE	1.38 acres	OCHCA HWSTS	Waste Oil	33.86311	-117.898192	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 12/30/08	CAD055703342 CAD980694715 CAX000062539	0.8928 145.71	352 - Other Organic Solids Blank/Unknown	11/30/2010	14
17	Undercar Parts Corporation (aka Accent Plastics, Inc.)	1206 E. Ash Ave.	Fullerton	92831	1216 - SSW	0.18 acres	DTSC - HWTS	Unknown	33.86559	-117.90677	None	12/16/2010	None	None	Nothing found	Nothing Found	CAD042405472 CAC002383315	2.5 2.5	352 - Other Organic Solids Blank/Unknown	11/3/2010	13
18	Raymac Grinding Co.	1207 E. Ash Ave.	Fullerton	92831	1216 - SSW	0.18 acres	OCHCA HWSTS	Nickle, Steel, Aluminum Alloy	33.86559	-117.90677	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000070279 CAL000007440 CAL000020845	22.5473	Blank/Unknown	11/3/2010	13
19	BC2 Environmental Rental (aka Ivory Streech; aka Atlas Copco, Inc.; aka Prime Energy Systems)	1212 E. Ash Ave.	Fullerton	92631	1189 - SSW	0.10 acres	OCHCA - LUST	Gasoline	33.86559	-117.90664	RWQCB	9/20/2010	None	None	Completed - Case Closed as of 9/20/2004	Nothing Found	CAC001145672 CAL000017239 CAL000259214 CAD983616699 CAC001065504	9.9946 1.44	Blank/Unknown 214 - Unspecified Solvent Mixture	11/3/2010	16
20	Kryler Corporation	1217 E. Ash Ave.	Fullerton	92831	1171 - SSW	0.08 acres	OCHCA HWSTS	Cadmium	33.86559	-117.90655	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 4/7/10	CAD981452915 CAX000116830	7.3847 9.3024 23.9723 2.7908	211 - Halogenated Solvents 214 - Unspecified Solvent Mixture 352 - Other Organic Solids Blank/Unknown	11/3/2010	16
21	Masco Sweepers, Inc (aka Crenshaw Die and Manufacturing)	1223 E. Ash Ave.	Fullerton	92831	1145 - SSW	0.17 acres	DTSC - HWTS	Unknown	33.86559	-117.90642	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000055346 CAL000066892	Nothing Found	Nothing Found	11/3/2010	9
22	Performance Dip Braze (aka Santana Services; aka Western Roto Engravers, Inc.)	1224 E. Ash Ave.	Fullerton	92831	1135 - SSW	0.05 acres	OCHCA HWSTS	No HW	33.86559	-117.90637	OCHCA	12/16/2010	Archived	None	Nothing found	Last inspection on 2/25/10	CAC001381048 CAL000196840 CAL000350130 CAT080025018	Nothing Found	Nothing Found	11/3/2010	11
23	Security Signal Devices Inc (aka Crenshaw Die & Manufacturing Corporation)	1227 E. Ash Ave.	Fullerton	92831	1128 - SSW	0.05 acres	DTSC - HWTS	Unknown	33.86559	-117.90633	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000290149 CAL000020789	Nothing Found	Nothing Found	11/3/2010	1
24	Camarigg Automotive, Inc. (aka Nickolas Steel)	1229 E. Ash Ave.	Fullerton	92831	1116 - S	0.05 acres	DTSC - HWTS	Unknown	33.8656	-117.90628	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000011781	Nothing Found	Nothing Found	11/3/2010	9

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25	Unitdesigned, Inc (aka Euro West Inc ; aka Etl Garage; aka Programmed Composites)	1234 E. Ash Ave.	Fullerton	92831	1091 - S	0.34 acres	OCHCA Industrial Cleanup	PCE, TCE	33.8656	-117.90615	OCHCA	12/16/2010	None	None	Nothing found	Closed as of 5/7/1990; No futher action	CAX000046219 CAX000078154 CAC001242584				
26	Southern California Trucking	1234 E. Ash Ave. Unit D	Fullerton	92831	1091 - S	0.05 acres	DTSC - HWTS	Unknown	33.8656	-117.90615	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000319351	Nothing Found	Nothing Found	11/3/2010	14
27	Commonwealth Elementary School	2200 E. Commonwealth Ave.	Fullerton	92631	3324 - ENE	9.70 acres	DTSC - HWTS	Unknown	33.87061	-117.893492	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002221033 CAC002578946 CAC002617427 CAC002627950 CAC002603038	5.364 21.07	Blank/Unknown Blank/Unknown	11/30/2010	9
28	California Almond Growers	324 S. Hale Ave.	Fullerton	92831	2738 - E		DTSC - HWTS	Unknown	33.86846	-117.89498	None	9/13/2010	None	None	Nothing found	Nothing Found	CAX000062984	Nothing Found	Nothing Found	11/30/2010	9
29	Southern California Edison (aka California Almond Growers)	325 S. Hale Ave.	Fullerton	92831	2556 - E	~ 1.5 acres	DTSC - HWTS	Unknown	33.86854	-117.895592	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002593339 CAD981369622	286.70954	Blank/Unknown	11/30/2010	12
30	Blue Line Foodservice Distribution	330 S. Hale Ave.	Fullerton	92831	2738 - E	~ 1 acres	DTSC - HWTS	Unknown	33.86842	-117.89498	None	9/13/2010	None	None	Nothing found	Nothing Found	Unknown	Nothing Found	Nothing Found	11/30/2010	9
31	Jaco Environmental (aka Corrugated Service Orange, Inc.)	331 S. Hale Ave.	Fullerton	92831	2738 - E	1.5 acres	DTSC - HWTS	Unknown	33.86842	-117.89498	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000300124 CAL000200962	1 309 4.6018	343 - Unspecified Organic Liquid Mixture Blank/Unknown	11/30/2010	14
32	Jaco Environmental, Inc.	331 S. Hale Ave. Ste A&B	Fullerton	92831	2738 - E	1.5 acres	OCHCA HWSTS	Condensor Oil, Refrigerant	33.86842	-117.89498	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 5/5/10	CAL000200962	7 51825 16.5957	741 - Liquid with Halogen Organic Compound Blank/Unknown	11/30/2010	14
33	Ruan Transportation Corporation (aka Johnson Controls Battery Group, Inc.; aka Ruen Leasing Co.; aka Southern California Edison; aka J&V Cartage)	1550 E. Kimberly Ave.	Fullerton	92831	2073 - E	15 acres	OCHCA LUST	Diesel, TCE & PCE in Groundwater	33.86313	-117.90048	DTSC	12/16/2010	Archived	O & M -Land Use Restrictions only certified /Corrective Action	Completed - Case Closed as of 11/23/1987	Nothing Found	CAD008323388 CAL000081128 CAL000202865 CAC002612461 CAC002171313	0 1251 0 126 0 1751 0 374 6 625 2 336 3143.52 1 692 4180.33	211 - Halogenated Solvents 214 - Unspecified Solvent Mixture 342 - Organic Liquids with Metals 343 - Unspecified Organic Liquid Mixture 351 - Organic Solids with Halogens 352 - Other Organic Solids 611 - Contaminated Soils from Site Clean-Up 741 - Liquid with Halogen Organic Compound Blank/Unknown	11/3/2010	16
34	Specialty Extrusion Corporation (aka Al McDougal)	1580 E. Kimberly Ave.	Fullerton	92831	2145 - ESE	~ 0.25 acres	DTSC - HWTS	Unknown	33.86314	-117.90002		9/13/2010	None	None	Nothing found	Nothing Found	CAC002616022	Nothing Found	Nothing Found	11/3/2010	9
35	Orange County Metal Processing	1711 E. Kimberly Ave.	Fullerton	92831	2542 - ESE	1.5 acres	OCHCA HWSTS	Unknown	33.86315	-117.89798	RWQCB, DTSC	12/16/2010	None	Active Tiered Permit	Open - Site Assessment as of 11/7/1992	Closure planned on 9/23/10	3 654 2 244 7 689 1.582	214 - Unspecified Solvent Mixture 343 - Unspecified Organic Liquid Mixture 352 - Other Organic Solids Blank/Unknown	11/3/2010	17	
36	PCA Metals	1723 E. Kimberly Ave.	Fullerton	92831	2415 - ESE	> 0.5 acres	GeoTracker	VOC Polynuclear Aromatic Hydrocarbons	33.86271	-117.908792	RWQCB	12/16/2010	None	None	Open - Site Assessment as of 6/1/2010	Nothing Found	Unknown	Nothing Found	Nothing Found	11/3/2010	4
37	JB Hunt	2001 E. Kimberly Ave.	Fullerton	92831	2415 - ESE	> 0.5 acres	OCHCA HWSTS	Unknown	33.86271	-117.908792	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 5/14/10	CAC002571718	4.09	Blank/Unknown	11/3/2010	11
38	Federal Express Corporation	2500 E. Kimberly Ave.	Fullerton	92831	5818 - E	5.74 acres	OCHCA HWSTS	Oil/Fuel Filters, Antifreeze Absorbent, Break Oil, Universal Waste	33.86317	-117.885705	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000005249	0.4775 0.255 0.9543 53.9244	343 - Unspecified Organic Liquid Mixture 352 - Other Organic Solids 741 - Liquid with Halogen Organic Compound Blank/Unknown	11/3/2010	14
39	Chicago Musical Instruments (aka United Duralume Inc.)	350 S. Raymond Ave.	Fullerton	92831	938 - WSW	7.51 acres	EnviroStor	PCE, TCE, I, I-DCE	33.86791	-117.907092	DTSC	9/28/2010	None	Active / State Respond NPL	Nothing found	Nothing Found	CAC002183273	Nothing Found	Nothing Found	12/1/2010	15
40	Telatemp Corporation	351 S. Raymond Ave.	Fullerton	92831	889 - WSW	0.5 acres	DTSC - HWTS	Unknown	33.86791	-117.90693	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002595602	0.075	Blank/Unknown	12/1/2010	10
41	Classic Marble Designs Inc. (aka Brecht Co.)	371 S. Raymond Ave.	Fullerton	92831	892 - WSW	0.5 acres	GeoTracker	Gasoline	33.86775	-117.90693	RWQCB	9/20/2010	None	None	Completed - Case Closed as of 5/5/1997	Nothing Found	CAC001223984	Nothing Found	Nothing Found	12/1/2010	10
42	Top Auto Repair (aka LG Knox Construction; aka Terry's Automotive)	500 S. Raymond Ave.	Fullerton	92831	798 - SSW	0.18 acres	DTSC - HWTS	Unknown	33.86671	-117.907092	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000100088 CAC002575104 CAL000284590	0 0144 15 0552 15.286	214 - Unspecified Solvent Mixture 343 - Unspecified Organic Liquid Mixture Blank/Unknown	12/1/2010	15
43	Accurate Auto Performance	500 S. Raymond Ave. Ste B1	Fullerton	92831	798	0.18 acres	DTSC - HWTS	Unknown	33.86671	-117.907092	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000207733	Nothing Found	Nothing Found	12/1/2010	9

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44	Tops Auto Body (aka K&N Automotive; aka Trinity Auto Collision Inc.; aka Honda Car Specialty)	500 S. Raymond Ave. Unit C	Fullerton	92831	798 - SSW	0.18 acres	OCHCA HWSTS	Waste Oil Liquid Paint Waste	33.86671	-117.907092	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 12/9/09	CAD983584459	0.0432	214 - Unspecified Solvent Mixture	12/1/2010	16
																	CAL000009329	0.1417	342 - Organic Liquids with Metals		
																	CAL000019783	15	Blank/Unknown		
																	CAL000190690				
																	CAL000269090				
																	CAL000291186	2 12412 0.1625	214 - Unspecified Solvent Mixture 352 - Other Organic Solids		
45	Terry's Automotive, Inc. (aka Auto Hospital; aka Betos Auto Body & Paint, Inc.)	500 S. Raymond Ave. Unit D	Fullerton	92831	798 - SSW	0.18 acres	OCHCA HWSTS	Unknown	33.86671	-117.907092	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000094280 CAL000218474 CAR000080614	Nothing Found	Nothing Found	12/1/2010	11
46	Beto s Paint & Body Inc.	500 S. Raymond Ave. Ste F	Fullerton	92831	798 - SSW	0.18 acres	DTSC - HWTS	Unknown	33.86671	-117.907092	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000223437	1.0944 0.2	214 - Unspecified Solvent Mixture 352 - Other Organic Solids	12/1/2010	12
47	Genesis Auto Body	500 S. Raymond Ave. Ste G	Fullerton	92831	798 - SSW	0.18 acres	OCHCA HWSTS	No HW	33.86671	-117.907092	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 2/24/10	Unknown	Nothing Found	Nothing Found	12/1/2010	9
48	S Star Auto Care (aka Don s Auto Body; aka Specialized Machine & Metallizin)	500 S. Raymond Ave. Ste H	Fullerton	92831	798 - SSW	0.18 acres	OCHCA HWSTS	No HW	33.86671	-117.907092	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 12/9/09	CAL000143885	0.3888	214 - Unspecified Solvent Mixture	12/1/2010	13
																	CAL000347193				
																	CAL000347225				
																	CAL000026201				
																	CAL000224609	0.15	352 - Other Organic Solids		
49	Topline Auto Collision LLC (aka Wheels Auto Body & Paint Shop; aka Topline Paint & Body Inc.; aka Leonardo's Paint & Body Shop)	500 S. Raymond Ave. #I	Fullerton	92831	798 - SSW	0.18 acres	OCHCA HWSTS	Unknown	33.86671	-117.907092	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD982413536 CAL000145857 CAL000353667			12/1/2010	11
50	Inglewood Transmission Service Inc. (aka Turret La The Specialist; aka California Autobody & Paint; aka Tury'z Concepts Inc.)	500 S. Raymond Ave. Ste J	Fullerton	92831	798 - SSW	0.18 acres	DTSC - HWTS	Unknown	33.86671	-117.907092	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000346720	Nothing Found	Nothing Found	12/1/2010	10
51	Larsco Corp. (aka Labeltech, aka Al Jiacomin)	503 S. Raymond Ave.	Fullerton	92831	1018 - SW	0.73 acres	DTSC - HWTS	Unknown	33.86662	-117.90692	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000176657 CAX000045377C AC002661469	Nothing Found	Nothing Found	12/1/2010	11
52	OCB Reprographics (aka Fullerton Blueprint Co. Inc.)	528 S. Raymond Ave.	Fullerton	92831	1154 - SW	~ 0.25 acres	DTSC - HWTS	Unknown	33.86596	-117.90691	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000157542	Nothing Found	Nothing Found	12/1/2010	10
53	E.J. Whitney Co, Inc.	529 S. Raymond Ave.	Fullerton	92831	1154 - SW	0.73 acres	OCHCA HWSTS	Waste Acetone Q- SOL300 Solvent	33.86596	-117.90691	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 2/16/10	CAL000089845	1.692	214 - Unspecified Solvent Mixture	12/1/2010	14
54	Semaan Printing Co, Inc.	535 S. Raymond Ave.	Fullerton	92831	1198 - SW	~ 0.25 acres	DTSC - HWTS	Unknown	33.86578	-117.90691	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD983652686	Nothing Found	Nothing Found	12/1/2010	13
55	Faber Laboratories	539 S. Raymond Ave.	Fullerton	92831	1228 - SW	~ 0.25 acres	DTSC - HWTS	Unknown	33.86565	-117.9069	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD981672793	Nothing Found	Nothing Found	12/1/2010	12
56	Bavarian Autotech s (aka Bavarian Auto Tech)	551 S. Raymond Ave.	Fullerton	92831	1264 - SW	0.11 acres	OCHCA HWSTS	Waste Oil, Waste Antifreeze	33.86551	-117.9069	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 8/19/10	CAL000021788 CAL000017247	11.15140 11.10840	Blank/Unknown 343 - Unspecified Organic Liquid Mixture	12/1/2010	13
57	Acme Door Closers	600 S. Raymond Ave.	Fullerton	92831	1396 - SSW	0.09 acres		Unknown	33.86503	-117.9069	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000023015 CAL000074084 CAL000087735 CAL000208327	Nothing Found	Nothing Found	12/1/2010	11
58	CCJ Corporation	602 S. Raymond Ave.	Fullerton	92831	1288 - SSW	~ 1 acres		Unknown	33.86549	-117.906992	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000260864	Nothing Found	Nothing Found	12/1/2010	11
59	Lone Star Termite and Pest Control Inc.	606 S. Raymond Ave.	Fullerton	92831	1299 - SSW	~ 1 acres		Unknown	33.86545	-117.906992	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000290947	Nothing Found	Nothing Found	12/1/2010	11
60	United States Spring & Stamping CO, Inc.	615 S. Raymond Ave.	Fullerton	92831	1222 - SSW	0.23 acres	OCHCA HWSTS	Waste Nitric Acid	33.86489	-117.90689	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 2/18/10	CAL000316333	Nothing Found	Nothing Found	12/1/2010	9
61	Same Day Cylinder	619 S. Raymond Ave.	Fullerton	92831	1445 - SSW	~ 0.25 acres		Unknown	33.86485	-117.90689	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000001181	0.2	Blank/Unknown	12/1/2010	9
62	Mesa Cold Storage Ltd. (aka Frozsun Food; aka New West Foods, aka AmeriCold Logistics; aka Cleugh's Rhubarb Company; aka AmeriCold)	700 S. Raymond Ave.	Fullerton	92831	1678 - SSW	3.12 acres	OCHCA HWSTS	Oil Compressor Filters, Universal Waste	33.86407	-117.90687	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 5/26/10	CAX000066431			12/1/2010	16
																	CAC002645795				
																	CAL000349764				
																	CAP000002065				
																	CAL000135894	3.0862	Blank/Unknown		
																	CAD983663824	1.045	Blank/Unknown		
CAL920525562	0.2293	741 - Liquid with Halogenated Organic Compound																			
CAL000257463	0.396	214 - Unspecified Solvent Mixture																			
63	Spacer Connection, Inc.	711 S. Raymond Ave. Ste A	Fullerton	92831	1805 - SSW	0.25 acres	OCHCA HWSTS	Recycle Oil Oil Thinner	33.86366	-117.90686	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 2/24/10	CAD982439861	1.6258	741 - Liquid with Halogen Organic Compound	12/1/2010	10
64	Performance Envelope Co.	711 S. Raymond Ave. Unit B	Fullerton	92831	1805 - SSW	0.25 acres	OCHCA HWSTS	Waste Ink/Solvent	33.86366	-117.90686	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 11/4/08	CAL000181374	10.0474 0.25839	Blank/Unknown 741 - Liquid with Halogen Organic Compound	12/1/2010	15
65	Roys Transmission Service	715 S. Raymond Ave.	Fullerton	92831	1860 - SSW	0.22 acres	OCHCA HWSTS	Waste Oil	33.86349	-117.90686	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 8/19/10	CAL000014707	1.6463	Blank/Unknown	12/1/2010	12
																	CAL000305311	3.979	Blank/Unknown		
																		17.9018 0.248 1.496 11.50	214 - Unspecified Solvent Mixture 343 - Unspecified Organic Liquid Mixture 352 - Other Organic Solids		
66	Terra Universal, Inc. (aka California Shirt Sales, Moore Business Forms)	800 S. Raymond Ave.	Fullerton	92831	2109 - SSW	4.68 acres	OCHCA HWSTS	Unknown	33.86273	-117.90686	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000068048 CAL000305311	3.979	Blank/Unknown	12/1/2010	17

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67	Storage Outlet Self Storage	900 S. Raymond Ave.	Fullerton	92831	2132 - SSW	1.19 acres	DTSC - HWTS	Unknown	33.86271	-117.906992	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002644807	Nothing Found	Nothing Found	12/1/2010	10
68	Rayne Water Conditioning (aka Pacific Industrial Water System)	1702 E. Rosslynn Ave.	Fullerton	92831	2304 - ESE	1.67 acres	DTSC - HWTS	Unknown	33.86402	-117.8981	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000122318	Nothing Found	Nothing Found	11/3/2010	10
69	Orange County Paint	1710 E. Rosslynn Ave.	Fullerton	92831	2305 - ESE	< 1.5 acres	DTSC - HWTS	Unknown	33.86401	-117.898101	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000040641	4 779 0 2 1.0756	214 - Unspecified Solvent Mixture 352 - Other Organic Solids Blank/Unknown	11/3/2010	17
70	PCA Industries, Inc. (aka PCA Metal Finishing Inc.; aka PCA Industries, LLC.)	1725 E. Rosslynn Ave.	Fullerton	92831	2363 - ESE	> 2 acres	EnviroStor	Chlorinated Solvents (PCE, TCE)	33.86402	-117.89785	DTSC	9/28/2010	None	Tiered Permit; Refer to RWQCB; Active	Nothing found	Nothing Found	CAD038682522 CAX000013672	0.34 10.4178 429.497	343 - Unspecified Organic Liquid Mixture 352 - Other Organic Solids Blank/Unknown	11/3/2010	16
71	Metalclad Insulation Corporation (aka Khyber Foods, Inc.)	1818 E. Rosslynn Ave.	Fullerton	92831	2594 - ESE	0.55 acres	GeoTracker LUST	Gasoline, Volatile Organic Compounds	33.86404	-117.89689	DTSC RWQCB	9/20/2010	None	Active/ Corrective Action	Completed - Case Closed as of 4/9/1990; Open - Site Assessment as of 5/5/2010	Nothing Found	CAC000232969 CAR000185801	54 0 0.187	Blank/Unknown 343 - Unspecified Organic Liquid Mixture	11/3/2010	7
72	St. Hart Container Corporation Division of Subclipse (aka St. Hart Container Corporation)	1901 E. Rosslynn Ave.	Fullerton	92831	2811 - ESE	7.07 acres	DTSC - HWTS	Unknown	33.86406	-117.89603	DTSC	9/28/2010	None	Tiered Permit	Nothing found	Nothing Found	CAL000043359 CAD983662008	0.324 18.481 163.57	214 - Unspecified Solvent Mixture 352 - Other Organic Solids Blank/Unknown	11/3/2010	16
73	Corru-Kraft, Co. (aka Corru-Kraft, Inc.)	1911 E. Rosslynn Ave.	Fullerton	92831	2837 - ESE	> 5 acres	OCHCA, UST	Fluorescent Lamp, Starch and Waste Water	33.86406	-117.89593	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 2/2/10	CAD983643479 CAC000211961	0 3544 7.8185 23.4311	342 - Organic Liquids with Metals 352 - Other Organic Solids Blank/Unknown	11/3/2010	16
74	YRC Enterprise Services DBA USF Reddaway (aka EDO Corp. Western Div.; aka USF/Reddaway; aka Gulton Industries; aka Bud's Delivery Inc.)	300 S. State College Blvd.	Fullerton	92831	4385 - E	4.11 acres	OCHCA Industrial Cleanup	Heavy Metal Waste (Non-Plating), PCE	33.86813	-117.88953	OCHCA	12/16/2010	None	None	Nothing found	Closed as of 10/4/1993	CAC002213425 CAL000161364 CAC001508024 CAL000316180 CAD008289449 CAC002574653 CAC001064672 CAC002633320	1.4975 0 24 0.0075 0.3375 0.5 0.025 3.8781	Blank/Unknown 214 - Unspecified Solvent Mixture 343 - Unspecified Organic Liquid Mixture 352 - Other Organic Solids Blank/Unknown Blank/Unknown	11/30/2010	15
75	Kairak aka Don Green's Sales Inc.	500 S. State College Blvd.	Fullerton	92831	4409 - E	7.68 acres	DTSC - HWTS	Unknown	33.86689	-117.88951	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD064480858	3 8326 0 7412 0 0375 0.0498	Blank/Unknown 343 - Unspecified Organic Liquid Mixture 352 - Other Organic Solids 741 - Liquid with Halogen Organic Compound	11/30/2010	15
76	Fullerton INDL Park (aka A L S Corporation)	501 S. State College Blvd.	Fullerton	92831	4409 - E	~ 2 acres	DTSC - HWTS	Unknown	33.86689	-117.88951	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD981432347 CAD981650955	Nothing Found	Nothing Found	11/30/2010	8
77	OP & F Trust & Reef Management	541 S. State College Blvd.	Fullerton	92831	4423 - E	> 1 acres	DTSC - HWTS	Unknown	33.8666	-117.8895	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC001384280	Nothing Found	Nothing Found	11/30/2010	8
78	Rozak Engineering Inc. aka Qualitask Inc.	556 S. State College Blvd.	Fullerton	92831	4428 - E	> 1 acres	OCHCA HWTS	Waste Oil, Used Oil	33.86649	-117.8895	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 2/2/10	CAL000257849 CAL000338819	1.4384	Blank/Unknown	11/30/2010	8
79	Alcoa Global Fasteners, Inc.	561 S. State College Blvd.	Fullerton	92831	4429 - E	~ 0.5 acres	DTSC - HWTS	Unknown	33.86646	-117.8895	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000277221	0.1245	214 - Unspecified Solvent Mixture	11/30/2010	7
80	Sprint Printing Inc.	570 S. State College Blvd.	Fullerton	92831	4433 - E	0.5 acres	DTSC - HWTS	Unknown	33.86639	-117.8895	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000035196	Nothing Found	Nothing Found	11/30/2010	7
81	MOPC Printing (aka Christian Printing Service)	579 S. State College Blvd.	Fullerton	92831	4436 - E	0.5 acres	DTSC - HWTS	Unknown	33.86633	-117.8895	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD094121845 CAL000146010	1.413	214 - Unspecified Solvent Mixture	11/30/2010	12
82	Accurate Industrial Construction Inc.	580 S. State College Blvd.	Fullerton	92831	4437 - E	0.5 acres	DTSC - HWTS	Unknown	33.86631	-117.8895	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000355385	Nothing Found	Nothing Found	11/30/2010	7
83	Soma Magnetix Corporation	585 S. State College Blvd.	Fullerton	92831	4438 - E	0.5 acres	DTSC - HWTS	Unknown	33.86629	-117.8895	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000304015	0.15	352 - Other Organic Solids	11/30/2010	7
84	Circuit Image Systems	591 S. State College Blvd.	Fullerton	92831	4441 - E	> 0.5 acres	DTSC - HWTS	Unknown	33.86624	-117.8895	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000005277	Nothing Found	Nothing Found	11/30/2010	8
85	Juniors Professionals Ironwork (aka Remtech Restoration Corporation)	597 S. State College Blvd.	Fullerton	92831	4443 - E	> 0.5 acres	DTSC - HWTS	Unknown	33.8662	-117.8895	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000027703 CAL000338720	0.204 25.488	343 - Unspecified Organic Liquid Mixture Blank/Unknown	11/30/2010	10
86	Nordstrom, Inc.	601 S. State College Blvd.	Fullerton	92831	4447 - ESE	0.5 acres	DTSC - HWTS	Unknown	33.86617	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD981570773 CAX000121343	Nothing Found	Nothing Found	11/30/2010	7
87	Nelson-Keystone Inc. (aka Reef management)	623 S. State College Blvd.	Fullerton	92831	4456 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86601	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC001029280 CAL000147860	Nothing Found	Nothing Found	11/30/2010	7
88	Picture This (aka Precision Mold Base Corporation; aka OP&F Trust & Reef Management Co.)	631 S. State College Blvd.	Fullerton	92831	4460 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86595	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD981383441 CAX000225789 CAC002302521	0.102	343 - Unspecified Organic Liquid Mixture	11/30/2010	8
89	Southern California Precision (aka Fullerton Industrial Park)	641 S. State College Blvd.	Fullerton	92831	4464 - ESE	~ 1 acres	DTSC - HWTS	Unknown	33.86588	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000335575 CAC002565473 CAL000031559 CAL000214333	0.1 16.2837 0.0216 0.44 5.004	352 - Other Organic Solids Blank/Unknown 214 - Unspecified Solvent Mixture 211 - Halogenated Solvents 214 - Unspecified Solvent Mixture	11/30/2010	13

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90	Future Tattoo & Body Piercing (aka Perfect Coat Inc.; aka Pink Tiger)	645 S. State College Blvd.	Fullerton	92831	4465 - ESE	0.55 acres	DTSC - HWTS	Unknown	33.86585	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000031559	0.44	211 - Halogenated Solvents	11/30/2010	12
																	CAL000214333	5.004	214 - Unspecified Solvent Mixture		
																	CAC002319681				
																	CAL000031559	0.44	211 - Halogenated Solvents		
91	Native Gear	651 S. State College Blvd.	Fullerton	92831	4469 - ESE	~ 0.5 acres	DTSC - HWTS	Unknown	33.86581	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000205320	0.0416	741 - Liquid with Halogen Organic Compound	11/30/2010	11
92	Classic Silk Screen Design	651 S. State College Blvd. Unit 15	Fullerton	92831	4469 - ESE	> 1 acres	DTSC - HWTS	Unknown	33.86581	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000205320	0.0416	741 - Liquid with Halogen Organic Compound	11/30/2010	8
93	AC Alternator & Starter Shop	651 S. State College Blvd. #17	Fullerton	92831	4469 - ESE	> 1 acres	DTSC - HWTS	Unknown	33.86581	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000100087	Nothing Found	Nothing Found	11/30/2010	11
94	Garner Grinding	655 S. State College Blvd.	Fullerton	92831	4471 - ESE	> 1 acres	DTSC - HWTS	Unknown	33.86578	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000177208	Nothing Found	Nothing Found	11/30/2010	8
95	Petrusse-Norris Painting	655 S. State College Blvd. #27	Fullerton	92831	4471 - ESE	> 1 acres	DTSC - HWTS	Unknown	33.86578	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000170665	3.564 7.4926	214 - Unspecified Solvent Mixture Blank/Unknown	11/30/2010	14
96	Superior Lift	655 S. State College Blvd. No. 31	Fullerton	92831	4471 - ESE	> 1 acres	DTSC - HWTS	Unknown	33.86578	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD983601766	Nothing Found	Nothing Found	11/30/2010	8
97	Ropack Corp	660 S. State College Blvd.	Fullerton	92831	4473 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86574	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002592116		343 - Unspecified Organic Liquid Mixture	11/30/2010	9
																	CAC002557898	0.5615	Blank/Unknown		
																		0.187	343 - Unspecified Organic Liquid Mixture		
																	CAC000764400	0.187	Blank/Unknown		
98	Anglin's Instrument Repair (aka Industrial Starters)	663 S. State College Blvd.	Fullerton	92831	4475 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86572	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000125604	Nothing Found	Nothing Found	11/30/2010	7
99	G.P. Precision	667 S. State College Blvd.	Fullerton	92831	4477 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86569	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000100100	Nothing Found	Nothing Found	11/30/2010	7
100	Mike Harrison Construction, Inc.	667 S. State College Blvd. #79	Fullerton	92831	4477 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86569	-117.88949	None	9/13/2010	None	None	Nothing found	Nothing Found	CAX000244566	Nothing Found	Nothing Found	11/30/2010	7
101	Airsoft Advantage (aka Machine Tool Factory)	679 S. State College Blvd.	Fullerton	92831	4485 - ESE	0.51 acres	DTSC - HWTS	Unknown	33.86561	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000010931	Nothing Found	Nothing Found	11/30/2010	7
102	Awnings by Russ (aka Trico Realty, Inc.)	689 S. State College Blvd.	Fullerton	92831	4490 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86555	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC000074653	Nothing Found	Nothing Found	11/30/2010	8
103	Micr Comp, Inc.	689 S. State College Blvd. #A	Fullerton	92831	4490 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86555	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL922045896	Nothing Found	Nothing Found	11/30/2010	7
104	Dzine Fab	689 S. State College Blvd. Ste F	Fullerton	92831	4490 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86555	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000139189	Nothing Found	Nothing Found	11/30/2010	7
105	Advanced Machine & Tool	699 S. State College Blvd. #F	Fullerton	92831	4495 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86547	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000081103	Nothing Found	Nothing Found	11/30/2010	7
106	Jarreau Signs	699 S. State College Blvd. Ste I	Fullerton	92831	4495 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86547	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL922045947	0.0498	741 - Liquid with Halogenated Organic Compound	11/30/2010	7
107	Juniors Professional Iron	699 S. State College Blvd. Unit K	Fullerton	92831	4495 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86547	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD983663550	Nothing Found	Nothing Found	11/30/2010	7
108	College Business Park (aka Crico-HST Associates)	701 S. State College Blvd.	Fullerton	92831	4497 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86546	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002645071	0.0095 1.4535	352 - Other Organic Solids Blank/Unknown	11/30/2010	9
109	Trico Rents (aka Javier Ornamental; aka Lympus Prints; aka Typewriter M D's)	707 S. State College Blvd.	Fullerton	92831	4500 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86541	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC459300005			11/30/2010	8
																	CAL000117347				
110	Summit Event Productions	707 S. State College Blvd. Ste A	Fullerton	92831	4500 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86541	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002602859	Nothing Found	Nothing Found	11/30/2010	7
111	Perfect Coat, Inc.	707 S. State College Blvd. Unit D	Fullerton	92831	4500 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86541	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAR000178723	0.85	343 - Unspecified Organic Liquid Mixture	11/30/2010	7
112	American Diversified Silver (aka Bright Polishing Inc.)	717 S. State College Blvd.	Fullerton	92831	4505 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86534	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAX000066431			11/30/2010	8
																	CAL000185348	Nothing Found	Nothing Found		
113	A D S Gold, Inc.	717-J S. State College Blvd.	Fullerton	92831	4505 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86534	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAX000067611			11/30/2010	10
																	CAD981446636	1.4 3.425	352 - Other Organic Solids Blank/Unknown		
114	Mica Lighting (aka Tiny's Forklift)	717 S. State College Blvd. # K	Fullerton	92831	4505 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86534	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000137845	Nothing Found	Nothing Found	11/30/2010	7
115	Ken Thurm Enterprises (aka MRC Forklift, Inc.)	727 S. State College Blvd.	Fullerton	92831	4512 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86526	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000007131			11/30/2010	7
																	CAL000321184	Nothing Found	Nothing Found		
116	JCW Finishing	727 S. State College Blvd. Unit A	Fullerton	92831	4512 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86526	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000284819	1.496	343 - Unspecified Organic Liquid Mixture	11/30/2010	7
117	MRC Forklift, Inc.	727 S. State College Blvd. Ste C	Fullerton	92831	4512 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86526	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000321184	Nothing Found	Nothing Found	11/30/2010	7
118	Mesa Technology	733 S. State College Blvd.	Fullerton	92831	4516 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86521	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD981379449	1.376	Blank/Unknwon	11/30/2010	7
119	Tiny's Forklift	733 S. State College Blvd. #98	Fullerton	92831	4516 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86521	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000163527	Nothing Found	Nothing Found	11/30/2010	7
120	96 Upholstery (aka Industrial Starters)	737 S. State College Blvd.	Fullerton	92831	4519 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86518	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000062031	Nothing Found	Nothing Found	11/30/2010	7
121	Auto Craft by Rick	743 S. State College Blvd.	Fullerton	92831	4522 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86514	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD981419229	Nothing Found	Nothing Found	11/30/2010	7
122	Gasss	747 S. State College Blvd.	Fullerton	92831	4524 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86511	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000017268	Nothing Found	Nothing Found	11/30/2010	7
123	Industrial Starters	751 S. State College Blvd.	Fullerton	92831	4527 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86508	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL921993022	Nothing Found	Nothing Found	11/30/2010	7
124	AES Electronics Recycling, Inc. (aka Bright Polishing, Inc.; aka Advanced E-Waste Solutions)	751 S. State College Blvd. Ste. 44	Fullerton	92831	4527 - ESE	> 0.5 acres	DTSC - HWTS	Unknown	33.86508	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000303160 CAL000185248 CAX000066431 CUW00000050			11/30/2010	7

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125	OneTech Circuit Inc.	753 S. State College Blvd. Unit 30	Fullerton	92831	4529 - ESE	0.5 acres	DTSC - HWTS	Unknown			None	9/13/2010	None	None	Nothing found	Nothing Found	CAD982485963	Nothing Found	Nothing Found	11/30/2010	7
126	Tiny's Forklift	759 S. State College Blvd.	Fullerton	92831	4532 - ESE	0.5 acres	DTSC - HWTS	Unknown	33.86502	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000141513	Nothing Found	Nothing Found	11/30/2010	7
127	Pho Ellie (aka Fortress Foto Finishing; aka State College Quickprint)	765 S. State College Blvd.	Fullerton	92831	4537 - ESE	0.5 acres	DTSC - HWTS	Unknown	33.86497	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD983638008 CAD983669185	Nothing Found.	Nothing Found	11/30/2010	7
128	Trico Realty	765 S. State College Blvd. Unit C	Fullerton	92831	4537 - ESE	0.5 acres	DTSC - HWTS	Unknown	33.86497	-117.88948	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002576167	0.8428 1.9433	352 - Other Organic Solids Blank/Unknown	11/30/2010	9
129	Creative Machining, Inc.	765 S. State College Blvd. Ste D	Fullerton	92831	4537 - ESE	0.5 acres	OCHCA HWSTS	Unknown	33.86497	-117.88948	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 4/6/10	CAL000276594	0.25	352 - Other Organic Solids	11/30/2010	7
130	Alcoa Global Fasteners (aka Kaynar MFG Division)	800 S. State College Blvd.	Fullerton	92831	4565 - ESE	10.47 acres	OCHCA HWSTS Industrial Cleanup	PCE, TCE, Other Chlorinated Hydrocarbons, Lubricating Oil, Used Oil	33.8647	-117.88947	RWQCB OCHCA	12/16/2010	None	Refer: Other Agency / Tiered Permit	Open - Remediation as of 5/6/2009	Closed as of 6/13/2005; Last inspection on 10/19/10	CAD008289183	87.8782 232 51994 3 5125 5.15 161 9939 134.477	Blank/Unknown 211 - Halogenated Solvents 214 - Unspecified Solvent Mixture 343 - Unspecified Organic Liquid Mixture 352 - Other Organic Solids 611 - Contaminated Soils from Site Clean-up	11/30/2010	14
131	Carolina Supply Chain Services (aka Reckitt Benckiser, Inc.; aka Albertson's, Inc.)	701 S. Sally Pl.	Fullerton	92831	932 - SE	8.15 acres	OCHCA HWSTS	Unknown	33.8659	-117.90225	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 5/28/10	CAR000175257 CAC002585079 CAP000067801 CAC000110677	4 7325 0.158 66.538	343 - Unspecified Organic Liquid Mixture 352 - Other Organic Solids Blank/Unknown	12/1/2010	13
132	S C I F Fullerton, LLC (aka Weber Aircraft; aka Monogram Systems; aka Weyerhaeuser Company)	1300 E. Valencia Dr.	Fullerton	92831	597 - SSE	8.6 acres	OCHCA Industrial Cleanup	Volatile Organic Compounds, PCE, TCE	33.86678	-117.90531	RWQCB	12/16/2010	None	Tiered Permit	Completed - Case Closed as of 12/2/2003	Closed as of 10/16/1995	CAD009608894 CAC002613721	394.792 8 9655 2 2715 6 702 0.8 10 4481 0 8816 9.0013 125.05165	Blank/Unknown 211 - Halogenated Solvents 214 - Unspecified Solvent Mixture 343 - Unspecified Organic Liquid Mixture 351 - Organic Solids with Halogens 352 - Other Organic Solids 611 - Contaminated Soils from Site Clean-Up 741 - Liquid with Halogen Organic	11/2/2010	20
133	Santa Fe Pacific Realty Corporation	1300-1330 E. Valencia Dr.	Fullerton	92831	544 - SSE	> 0.5 acres	DTSC - HWTS	Unknown	33.86674	-117.90496	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD000314617	Nothing Found	Nothing Found	11/2/2010	10
134	Flemming Environmental	1372 E. Valencia Dr.	Fullerton	92831	447 - SSE	> 0.5 acres	DTSC - HWTS	Unknown	33.86679	-117.90422	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002651910	Nothing Found	Nothing Found	11/2/2010	10
135	Wells Fargo Bank (aka Hoyt Tool, Inc. ; aka Coit Tool, Inc.)	1388 E. Valencia Dr.	Fullerton	92831	441 - SSE	> 0.5 acres	DTSC - HWTS	Unknown	33.86679	-117.90398	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002648517 CAC002657528	1.05	Blank/Unknown	11/2/2010	12
136	Acutek U.S. Inc.	1488 E. Valencia Dr.	Fullerton	92831	649 - SSE	> 0.5 acres	DTSC - HWTS	Unknown	33.8668	-117.90242	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000346370	Nothing Found	Nothing Found	11/2/2010	10
137	Batesville Casket Co.	1500 E. Valencia Dr.	Fullerton	92831	683 - SSE	6.20 acres	DTSC - HWTS	Unknown	33.8668	-117.90227	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000160756	2.2316	Blank/Unknown	11/2/2010	14
138	Dole Fresh Fruit Corporation (aka AEW)	1510 E. Valencia Dr.	Fullerton	92831	716 - SSE	~ 2 acres	DTSC - HWTS	Unknown	33.8668	-117.90213	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC001140568	Nothing Found	Nothing Found	11/2/2010	11
139	Vegh-Land Sales (aka J&J Mobile Service; aka Dole Fresh Fruit; aka Veg-Land)	1518 E. Valencia Dr.	Fullerton	92831	740 - SSE	~ 2 acres	DTSC - HWTS	Unknown	33.8668	-117.90203	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 4/28/10	CAC002275057 CAL000222981	Nothing Found	Nothing Found	11/2/2010	11
140	National Technical Systems, Inc.	1536 E. Valencia Dr.	Fullerton	92831	803 - SSE	4.13 acres	OCHCA HWSTS	Unknown	33.8668	-117.90178	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 4/28/10	CAD982013625	0.187 37.4713 3 84891 66.2934	343 - Unspecified Organic Liquid Mixture 352 - Other Organic Solids 741 - Liquid with Halogenated Organic Compound Blank/Unknown	11/2/2010	18
141	Graphics Tech, LLC (aka Graphic Techonology; aka American Electronics, Inc. ; aka Graphics 2000)	1600 E. Valencia Dr.	Fullerton	92831	1030 - ESE	5.85 acres	OCHCA HWSTS/Industrial Cleanup	Gasoline, Other Chlorinated Hydrocarbons, PCE, TCE, Halogenated Solvents, VOC	33.86681	-117.90092	OCHCA RWQCB	12/16/2010	None	None	Completed - Case Closed as of 10/30/2003 and 1/20/1995	Closed as of 9/13/1991; No further action as of 4/28/10	CAD981390909 CAL000170819 CAL000172479 CAX000044560	0 9589 4 662 0 6568 66.1086 10.846	211 - Halogenated Solvents 214 - Unspecified Solvent Mixture 352 - Other Organic Solids Blank/Unknown 343 - Unspecified Organic Liquid Mixture	11/2/2010	20
142	Viele & Sons, Inc.	1820 E. Valencia Dr.	Fullerton	92831	1908 - E	1.61 acres	DTSC - HWTS	Unknown	33.86684	-117.89786	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000285918	Nothing Found	Nothing Found	11/2/2010	10
143	Cor-O-Van Moving & Storage (aka Cor-O-Van Warehousing & Distribution; aka Norelco, Inc. ; aka Foxx Building Services, Inc.)	2100 E. Valencia Dr.	Fullerton	92831	3196 - E	2.41 acres	DTSC - HWTS	Unknown	33.86687	-117.89354	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002639308 CAL000297842 CAL000148170	0.3 0.3	352 - Other Organic Solids 352 - Other Organic Solids	11/2/2010	12
144	Kent H. Landsberg	2100 E. Valencia Dr. Ste. B	Fullerton	92831	3196 - E	2.41 acres	DTSC - HWTS	Unknown	33.86687	-117.89354	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002204721	Nothing Found	Nothing Found	11/2/2010	9
145	Ofra Inc.	2100 E. Valencia Dr. Ste C	Fullerton	92831	3196 - E	2.41 acres	DTSC - HWTS	Unknown	33.86687	-117.89354	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002577914	1.6815	Blank/Unknown	11/2/2010	11
146	Apac	2100 E. Valencia Dr. Ste D	Fullerton	92831	3196 - E	2.41 acres	DTSC - HWTS	Unknown	33.86687	-117.89354	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC001436256	Nothing Found	Nothing Found	11/2/2010	9

Map Ref No.	Site Name	Address	City	Zip	Distance (feet) - Direction From FM8	Property Acres (length x width)	Regulatory List	Detections of Chemicals of Concern (PCE, TCE, perchlorate in Groundwater)	Latitude	Longitude	Overseeing Regulatory Agency	File Review Date	CERCLIS Status	Envirostor Status	GeoTracker Status	County HCA Status	EPA ID#	HAZNET Waste Types and Quantities (in tons)	HWTS California Waste Codes & Descriptions	Drive-by Date and Info	Site Screening or Reassessment Priority
147	Southern California Precision Machining Inc. (aka Glenair Fullerton; aka John Kamicolaz; aka Mr Bares Furniture Co.)	2300 E. Valencia Dr.	Fullerton	92831	4032 - E	> 1 acres	OCHCA HWSTS	Oily Water, Waste Coolant	33.86689	-117.89076	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 7/22/10	CAL000325313	71.0479	Blank/Unknown	11/2/2010	14
																	CAR000161802	0.345	352 - Other Organic Solids		
																	CAD000305540	19.7033	Blank/Unknown		
																	CAD981615230				
148	G T Price Products Inc.	2320 E. Valencia Dr.	Fullerton	92831	4118 - E	> 2 acres	DTSC - HWTS	Unknown	33.8669	-117.890475	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC000958960	Nothing Found	Nothing Found	11/2/2010	8
149	Gosiger West (aka Gosiger, Inc.)	2334 E. Valencia Dr.	Fullerton	92831	4165 - E	> 1 acres	DTSC - HWTS	Unknown	33.86689	-117.89032	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000330736			11/2/2010	10
																Nothing Found	CAC002628039	5.6295	Blank/Unknown		
150	FBI Express, Inc. (aka U S Delivery; aka Todd Pollock; aka American Fleet Service)	1250 E. Walnut Ave.	Fullerton	92831	701 - W	1.62 acres	DTSC - HWTS	Unknown	33.86833	-117.90628	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000289119			11/2/2010	15
																	CAL000353778				
																	CAL000017265	5.27505	Blank/Unknown		
																	CAL000302246	6.32172	Blank/Unknown		
151	All-Roads Moving and Storage (aka J&B Industrial Property Fund LP)	1400 E. Walnut Ave.	Fullerton	92831	165 - E	~ 1.5 acres	GeoTracker LUST	Gasoline	33.86831	-117.904392	RWQCB	9/20/2010	None	None	Completed - Case Closed as of 10/1/1991	Nothing Found	CAC001200136	Nothing Found	Nothing Found	11/2/2010	11
152	Realty Associates Fund	1404 E. Walnut Ave.	Fullerton	92831	150 - E	0.16 acres	DTSC - HWTS	Unknown	33.86836	-117.90424	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002558483	Nothing Found	Nothing Found	11/2/2010	9
153	Canning Gumm Inc. Western Division (aka Macdermid, Inc.)	1404 E. Walnut Ave. Ste. B	Fullerton	92831	150 - E	0.16 acres	DTSC - HWTS	Unknown	33.86836	-117.90424	None	9/13/2010	None	None	Nothing found	Nothing Found	CAP000043307	Nothing Found	Nothing Found	11/2/2010	9
154	Inland Computer Products (aka Beckman Instruments; aka Allergan)	1410 E. Walnut Ave.	Fullerton	92831	136 - E	~ 1.5 acres	OCHCA Industrial Cleanup	VOC, Low PCE	33.86836	-117.90411	OCHCA RWQCB	12/16/2010	None	None	Completed - Case Closed as of 2/14/1990	Closed as of 9/14/1990	CAX000073437	Nothing Found	Nothing Found	11/2/2010	15
155	The Trident Company	1430 E. Walnut Ave.	Fullerton	92831	183 - E	~ 2 acres	DTSC - HWTS	Unknown	33.86836	-117.90358	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL930973428	Nothing Found	Nothing Found	11/2/2010	11
156	Momentum Textiles (aka J&B Industrial Properties Fund One)	1450 E. Walnut Ave.	Fullerton	92831	165 - E	~ 4 acres	DTSC - HWTS	Unknown	33.86831	-117.904392	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC001075832	0.187	343 - Unspecified Organic Liquid Mixture	11/2/2010	11
157	Kraft Foods, Inc. (aka Kraft Foods; aka Claussen Pickle Co.; aka Nalco Chemical; aka Fullerton Foods)	1500 E. Walnut Ave.	Fullerton	92831	704 - E	5.17 acres	OCHCA HWSTS	Oil Oil Filters, Oily absorbent Ink, Lead, Fluorescent Tubes, Acid Batteries	33.86837	-117.90172	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 5/20/09	CAC002647481			11/2/2010	13
																	CAD981680952				
																	CAC002629577				
																	CAL000068082				
158	Mihm's Truck Repair (aka B&B Truck Services)	1526 E. Walnut Ave.	Fullerton	92831	956 - E	~ 1.5 acres	OCHCA HWSTS	Coolant Waste Oil	33.86838	-117.90088	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 4/14/10	CAL000263610			11/2/2010	11
																	CAL000223121	Nothing Found	Nothing Found		
159	Westline	1548 E. Walnut Ave.	Fullerton	92831	1276 - E	~ 1.5 acres	DTSC - HWTS	Unknown	33.86851	-117.899835	None	9/13/2010	None	None	Nothing found	Nothing Found	CAD000321448	Nothing Found	Nothing Found	11/2/2010	11
160	Good Water Warehouse (aka Whitton/GMN)	1700 E. Walnut Ave.	Fullerton	92831	1778 - E	~ 2 acres	DTSC - HWTS	Unknown	33.86863	-117.89819	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000100119	Nothing Found	Nothing Found	11/2/2010	8
161	Iww Incorporated (aka Westport Graphics Inc.; aka Mysee Designery)	1718 E. Walnut Ave.	Fullerton	92831	1817 - E	~ 2 acres	DTSC - HWTS	Unknown	33.86863	-117.89805	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC000923304	0.187	343 - Unspecified Organic Liquid Mixture	11/2/2010	8
																	CAL000082089				
162	Riccar America & Vac Pros (aka Acacia Business Center)	1800 E. Walnut Ave.	Fullerton	92831	2016 - E	3.72 acres	DTSC - HWTS	Unknown	33.86864	-117.89739	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000221238	0.108	214 - Unspecified Solvent Mixture	11/2/2010	8
163	Bob Evans Farms Corporation	1820 E. Walnut Ave.	Fullerton	92831	2068 - E	~ 2 acres	DTSC - HWTS	Unknown	33.86864	-117.89722	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002650511	Nothing Found	Nothing Found	11/2/2010	8
164	Sun Pacific, Inc. (aka Texture Glass Industries Corporation; aka Texture Glass Industries)	2030 E. Walnut Ave.	Fullerton	92831	2578 - E	1.10 acres	DTSC - HWTS	Unknown	33.86865	-117.89553	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC001469520			11/2/2010	9
																	CAC002647879				
																	CAC002584136	0.561	343 - Unspecified Organic Liquid Mixture		
165	Anderson Air Conditioning LP	2100 E. Walnut Ave.	Fullerton	92831	2744 - E	~ 0.5 acres	OCHCA HWSTS	Waste Oil, Refrigeration Waste Oil	33.86865	-117.89498	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 9/9/10	CAL000346138			11/2/2010	6
166	Tri Pacific Heating & Air Conditioning (aka Span O Matic, Inc.; aka Quality Industrial Systems)	2116 E. Walnut Ave.	Fullerton	92831	2834 - E	0.46 acres	DTSC - HWTS	Unknown	33.86865	-117.89468	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000023014			11/2/2010	7
																	CAL000346263				
167	Nordstrom, Inc. #391 (aka Nordstrom Design Center)	2200 E. Walnut Ave.	Fullerton	92831	3291 - E	~ 2 acres	OCHCA HWSTS	Universal waste Paint Thinner/Filters	33.86866	-117.89317	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 4/16/10	CAL000017252	0.561	343 - Unspecified Organic Liquid Mixture	11/2/2010	7
																	CAL000017252	0.15	352 - Other Organic Solids		
168	Nordstrom, Inc. #391 (aka Nordstrom Design Center)	2200 E. Walnut Ave.	Fullerton	92831	3291 - E	~ 2 acres	OCHCA HWSTS	Universal waste Paint Thinner/Filters	33.86866	-117.89317	OCHCA	12/16/2010	None	None	Nothing found	Last inspection on 4/16/10	CAL000017252	0.15	352 - Other Organic Solids	11/2/2010	7
																	CAL000017252	0.15	352 - Other Organic Solids		
169	Insulated Shipping Container	2340 E. Walnut Ave.	Fullerton	92831	4065 - E	2.57 acres	DTSC - HWTS	Unknown	33.86868	-117.89061	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC000505912	Nothing Found	Nothing Found	11/2/2010	6
169	Jaco Environmental, Inc.	2354 E. Walnut Ave.	Fullerton	92831	4144 - E	1 acres	DTSC - HWTS	Unknown	33.86868	-117.89035	None	9/13/2010	None	None	Nothing found	Nothing Found	CAL000263405	6.5886	741 - Liquid with Halogen Organic Compound	11/2/2010	8
170	Smalley & Co.	2358 E. Walnut Ave.	Fullerton	92831	4165 - E	~ 1.5 acres	DTSC - HWTS	Unknown	33.86868	-117.89028	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002599393	2.775	Blank/Unknown	11/2/2010	8
																	CAC002630490	1.89	Blank/Unknown		
171	H&H Distrubution	Valencia Dr. & Acacia Ave	Fullerton	92831	1794 - E	> 0.25 acres	DTSC - HWTS	Unknown	33.86683	-117.89807	None	9/13/2010	None	None	Nothing found	Nothing Found	CAC002386094	3.8	Blank/Unknown	11/2/2010	11

[illegible]

**Table 2**

**Project Priority Chart**  
**(Source: DTSC)**

[illegible]

Map Ref No.	Site Name	Address	City	Zip	Site Distance from FM8	Site Known to Have Used Solvents on Regular Basis/In-Large Volume	Site Lies Within Footprint of Localized Plume	Site Currently Under Regulatory Oversight	Number of Years in Operation	PCE/TCE Confirmation	Property Size	Site with Large Volumes of Blank/Unknown Disposed	TOTAL	Site in CERCLIS
132	S C I F Fullerton, LLC. (aka Weber Aircraft; aka Monogram Systems; aka Weyerhaeser Company)	1300 E. Valencia Dr.	Fullerton	92831	3	3	2	3	3	2	2	2	20	No
141	Graphics Tech, LLC. (aka Graphic Techonology; aka American Electronics, Inc.; aka Graphics 2000)	1600 E. Valencia Dr.	Fullerton	92831	3	3	2	3	3	2	2	2	20	No
140	National Technical Systems, Inc.	1536 E. Valencia Dr.	Fullerton	92831	3	3	2	3	3	0	2	2	18	No
35	Orange County Metal Processing	1711 E. Kimberly Ave.	Fullerton	92831	2	3	2	3	3	0	2	2	17	No
66	Terra Universal, Inc. (aka California Shirt Sales)	800 S. Raymond Ave	Fullerton	92831	2	3	2	3	3	0	2	2	17	No
69	Orange County Paint	1710 E. Rosslynn Ave.	Fullerton	92831	2	3	2	3	3	0	2	2	17	No
5	Omni Optical (aka Omni Optical Products, Inc ; aka Coca Cola Foods; aka Nutri-Foods International, Inc.)	360 S. Acacia Ave.	Fullerton	92831	2	3	2	3	2	2	2	0	16	No
19	BC2 Environmental Rental (aka Ivory Streech; aka Atlas Copco, Inc.; aka Prime Energy Systems)	1212 E. Ash Ave.	Fullerton	92631	3	3	2	3	3	0	0	2	16	No
20	Kryler Corporation	1217 E. Ash Ave.	Fullerton	92831	3	3	2	3	3	0	0	2	16	No
33	Ruan Transportation Corporation (aka Johnson Controls Battery Group, Inc.; aka Ruen Leasing Co.; aka Southern California Edison; aka J&V Cartage)	1550 E. Kimberly Ave.	Fullerton	92831	2	3	2	0	3	2	2	2	16	Yes
44	Tops Auto Body (aka K&N Automotive; aka Trinity Auto Collision Inc ; aka Honda Car Specialty)	500 S. Raymond Ave. Unit C	Fullerton	92831	3	3	2	3	3	0	2	0	16	No
62	Mesa Cold Storage, Ltd (aka Frozsun Food; aka New West Foods, aka AmeriCold Logistics; aka Cleugh's Rhubarb Company; aka AmeriCold)	700 S. Raymond Ave.	Fullerton	92831	2	3	2	3	2	0	2	2	16	No
70	PCA Industries, Inc. (aka PCA Metal Finishing, Inc.; aka PCA Industries, LLC.)	1726 E. Rosslynn Ave.	Fullerton	92831	2	3	2	0	3	2	2	2	16	No
72	St. Hart Container Corporation, Division of Subclipse (aka St Hart Container Corporation)	1901 E. Rosslynn Ave.	Fullerton	92831	1	3	2	3	3	0	2	2	16	No
73	Corru-Kraft, Co. (aka Corru-Kraft, Inc.)	1911 E. Rosslynn Ave.	Fullerton	92831	1	3	2	3	3	0	2	2	16	No
14	UPS Freight (aka Overnite Transportation)	650 S. Acacia Ave.	Fullerton	92831	2	3	2	3	1	0	2	2	15	No
39	Chicago Musical Instruments (aka United Duralume Inc.)	350 S. Raymond Ave.	Fullerton	92831	3	3	2	0	3	2	2	0	15	No
42	Top Auto Repair (aka LG Knox Construction; aka Terry's Automotive)	500 S. Raymond Ave.	Fullerton	92831	3	3	2	3	2	0	0	2	15	No
64	Performance Envelope Co.	711 S. Raymond Ave. Unit B	Fullerton	92831	2	3	2	3	2	0	1	2	15	No
74	YRC Enterprise Services DBA USF Reddaway (aka EDO Corp, Western Div ; aka USF/Reddaway; aka Gulton Industries; aka Bud's Delivery Inc.)	300 S. State College Blvd.	Fullerton	92831	0	3	0	3	3	2	2	2	15	No
75	Kairak aka Don Green's Sales Inc.	500 S. State College Blvd.	Fullerton	92831	0	3	2	3	3	0	2	2	15	No
150	FBI Express, Inc. (aka U.S. Delivery; aka Todd Pollock; aka American Fleet Service)	1250 E. Walnut Ave.	Fullerton	92831	3	0	2	3	3	0	2	2	15	No
157	Kraft Foods, Inc. (aka Kraft Foods; aka Claussen Pickle Co. ; aka Nalco Chemical; aka Fullerton Foods)	1500 E. Walnut Ave.	Fullerton	92831	3	0	2	3	3	0	2	2	15	No
154	Inland Computer Products (aka Beckman Instruments; aka Allergan)	1410 E. Walnut Ave.	Fullerton	92831	3	0	2	3	3	2	2	0	15	No
13	Yokohama Tire Corporation	601 S. Acacia Ave.	Fullerton	92831	2	3	2	3	2	0	2	0	14	No
16	Plasticolor Molded Products Inc (aka Plasticolor Molded Products; aka Lokalex Inc. ; aka Specialty Extrusion Corporation; aka Specialty Extrusion Ltd.)	801 S. Acacia Ave.	Fullerton	92831	2	0	2	3	3	0	2	2	14	No
25	Unitdesigned, Inc. (aka Euro West Inc.; aka Etl Garage; aka Programmed Composites)	1234 E. Ash Ave.	Fullerton	92831	3	0	2	3	3	2	1	0	14	No
31	Jaco Environmental (aka Corrugated Service Orange, Inc.)	331 S. Hale Ave.	Fullerton	92831	1	3	2	3	1	0	2	2	14	No
32	Jaco Environmental, Inc.	331 S. Hale Ave. Ste A&B	Fullerton	92831	1	3	2	3	1	0	2	2	14	No
38	Federal Express Corporation	2500 E. Kimberly Ave.	Fullerton	92831	0	3	2	3	2	0	2	2	14	No
53	E.J. Whitney Co, Inc.	529 S. Raymond Ave.	Fullerton	92831	3	3	2	3	2	0	1	0	14	No
95	Petrusse-Norris Painting	655 S. State College Blvd. #27	Fullerton	92831	0	3	2	3	2	0	2	2	14	No
130	Alcoa Global Fasteners (aka Kaynar MFG Division)	800 S. State College Blvd.	Fullerton	92831	0	3	2	0	3	2	2	2	14	No
137	Batesville Casket Co.	1500 E. Valencia Dr.	Fullerton	92831	3	0	2	3	2	0	2	2	14	No
147	Southern California Precision Machining Inc. (aka Glenair Fullerton; aka John Kamicolaz; aka Mr Bares Furniture Co.)	2300 E. Valencia Dr.	Fullerton	92831	0	3	2	3	3	0	1	2	14	No
71	Metalclad Insulation Corporation (aka Khyber Foods, Inc.)	1818 E. Rosslynn Ave.	Fullerton	92831	2	0	2	0	3	2	2	2	13	No
12	Wilson's Art Studio, Inc. (aka Solutions Unlimited)	501 S. Acacia Ave.	Fullerton	92831	2	0	2	3	2	0	2	2	13	No
17	Undercar Parts Corporation (aka Accent Plastics, Inc.)	1206 E. Ash Ave.	Fullerton	92831	3	0	2	3	3	0	0	2	13	No

Map Ref No.	Site Name	Address	City	Zip	Site Distance from FM8	Site Known to Have Used Solvents on Regular Basis/In-Large Volume	Site Lies Within Footprint of Localized Plume	Site Currently Under Regulatory Oversight	Number of Years in Operation	PCE/TCE Confirmation	Property Size	Site with Large Volumes of Blank/Unknown Disposed	TOTAL	Site in CERCLIS
18	Raymac Grinding Co.	1207 E. Ash Ave.	Fullerton	92831	3	0	2	3	3	0	0	2	13	No
48	5 Star Auto Care (aka Don's Auto Body; aka Specialized Machine & Metallizin)	500 S. Raymond Ave. Ste H	Fullerton	92831	3	3	2	3	2	0	0	0	13	No
54	Semaan Printing Co, Inc.	535 S. Raymond Ave.	Fullerton	92831	3	3	2	3	1	0	1	0	13	No
56	Bavarian Autotech's (aka Bavarian Auto Tech)	551 S. Raymond Ave.	Fullerton	92831	3	0	2	3	3	0	0	2	13	No
89	Southern California Precision (aka Fullerton Industrial Park)	641 S. State College Blvd.	Fullerton	92831	0	3	2	3	1	0	2	2	13	No
131	Carolina Supply Chain Services (aka Alberton's, Inc.; aka Reckitt Benckiser, Inc.)	701 S. Sally Pl.	Fullerton	92831	3	0	2	3	1	0	2	2	13	No
8	Right Connection Sportswear Company (aka Red Hat Society)	371 S. Acacia Ave.	Fullerton	92831	2	3	2	3	1	0	1	0	12	No
29	Southern California Edison (aka California Almond Growers)	325 S. Hale Ave.	Fullerton	92831	2	0	0	3	3	0	2	2	12	No
46	Beto's Paint & Body Inc.	500 S. Raymond Ave. Ste F	Fullerton	92831	3	3	2	3	1	0	0	0	12	No
55	Faber Laboratories	539 S. Raymond Ave.	Fullerton	92831	3	0	2	3	3	0	1	0	12	No
65	Roys Transmission Service	715 S. Raymond Ave.	Fullerton	92831	2	0	2	3	3	0	0	2	12	No
81	MOPC Printing (aka Christian Printing Service)	579 S. State College Blvd.	Fullerton	92831	0	3	2	3	3	0	1	0	12	No
90	Future Tattoo & Body Piercing (aka Perfect Coat, Inc.; aka Pink Tiger)	645 S. State College Blvd.	Fullerton	92831	0	3	2	3	3	0	1	0	12	No
135	Wells Fargo Bank (aka Hoyt Tool, Inc.; aka Coit Tool, Inc.)	1388 E. Valencia Dr.	Fullerton	92831	3	0	2	3	1	0	1	2	12	No
143	Cor-O-Van Moving & Storage (aka Cor-O-Van Warehousing & Distribution; aka Norelco, Inc.; aka Foxx Building Services, Inc.)	2100 E. Valencia Dr.	Fullerton	92831	1	0	2	3	2	0	2	2	12	No
6	Bimbo Bakeries USA (aka Airborne Express)	366 S. Acacia Ave.	Fullerton	92831	2	0	2	3	2	0	2	0	11	No
11	Khyber Foods Incorporated (aka Alnor Oil)	500 S. Acacia Ave.	Fullerton	92831	2	0	2	3	1	0	1	2	11	No
22	Performance Dip Braze (aka Santana Services; aka Western Roto Engravers, Inc.)	1224 E. Ash Ave.	Fullerton	92831	3	0	2	3	3	0	0	0	11	Yes
23	Security Signal Devices Inc. (aka Crenshaw Die & Manufacturing Corporation)	1227 E. Ash Ave.	Fullerton	92831	3	0	2	3	3	0	0	0	11	No
37	JB Hunt	2001 E. Kimberly Ave.	Fullerton	92831	2	0	2	3	1	0	1	2	11	No
45	Terry's Automotive, Inc. (aka Auto Hospital)	500 S. Raymond Ave. Unit D	Fullerton	92831	3	0	2	3	1	2	0	0	11	No
49	Topline Auto Collision LLC (aka Wheels Auto Body & Paint Shop; aka Topline Paint & Body Inc.; aka Leonardo's Paint & Body Shop)	500 S. Raymond Ave. #I	Fullerton	92831	3	0	2	3	3	0	0	0	11	No
51	Larsco Corp. (aka Labeltech)	503 S. Raymond Ave.	Fullerton	92831	3	0	2	3	2	0	1	0	11	No
57	Acme Door Closers	600 S. Raymond Ave.	Fullerton	92831	3	0	2	3	3	0	0	0	11	No
58	CCJ Corporation	602 S. Raymond Ave.	Fullerton	92831	3	0	2	3	1	0	2	0	11	No
59	Lone Star Termite and Pest Control Inc.	606 S. Raymond Ave.	Fullerton	92831	3	0	2	3	1	0	2	0	11	No
91	Native Gear	651 S. State College Blvd.	Fullerton	92831	0	3	2	3	2	0	1	0	11	No
93	Classic Silk Screen Design	651 S. State College Blvd. Unit 15	Fullerton	92831	0	3	2	3	1	0	2	0	11	No
138	Dole Fresh Fruit Corporation (aka AEW)	1510 E. Valencia Dr.	Fullerton	92831	3	0	2	3	1	0	2	0	11	No
139	Vegi-Land Sales (aka J&J Mobile Service; aka Dole Fresh Fruit; aka Veg-Land)	1518 E. Valencia Dr.	Fullerton	92831	3	0	2	3	1	0	2	0	11	No
145	Ofra Inc.	2100 E. Valencia Dr. Ste C	Fullerton	92831	1	0	2	3	1	0	2	2	11	No
151	All-Roads Moving and Storage (aka J&B Industrial Property Fund LP)	1400 E. Walnut Ave.	Fullerton	92631	3	0	2	3	1	0	2	0	11	No
155	The Trident Company	1430 E. Walnut Ave.	Fullerton	92831	3	0	2	3	1	0	2	0	11	No
156	Momentum Textiles (aka J&B Industrial Properties Fund One)	1450 E. Walnut Ave.	Fullerton	92831	3	0	2	3	1	0	2	0	11	No
158	Mihm's Truck Repair (aka B&B Truck Services)	1526 E. Walnut Ave.	Fullerton	92831	3	0	2	3	1	0	2	0	11	No
159	Westline	1548 E. Walnut Ave.	Fullerton	92631	3	0	2	3	1	0	2	0	11	No
171	H&H Distrubution	Valencia Dr. & Acacia Ave.	Fullerton	92831	2	0	2	3	1	0	1	2	11	No
15	City of Fullerton - Fire Department #3	700 S. Acacia Ave.	Fullerton	92831	2	0	2	3	1	0	2	0	10	No
40	Telatemp Corporation	351 S. Raymond Ave.	Fullerton	92831	3	0	2	3	1	0	1	0	10	No
41	Classic Marble Designs Inc. (aka Brecht Co.)	371 S. Raymond Ave.	Fullerton	92831	3	0	2	3	1	0	1	0	10	No
50	Inglewood Transmission Service Inc. (aka Turret La The Specialist; aka California Autobody & Paint; aka Tury'z Concepts Inc.)	500 S. Raymond Ave. Ste J	Fullerton	92831	3	0	2	3	2	0	0	0	10	No
52	OCB Reprographics (aka Fullerton Blueprint Co., Inc.)	528 S. Raymond Ave.	Fullerton	92831	3	0	2	3	1	0	1	0	10	No
63	Spacer Connection Inc.	711 S. Raymond Ave. Ste A	Fullerton	92831	2	0	2	3	2	0	1	0	10	No
67	Storage Outlet Self Storage	900 S. Raymond Ave.	Fullerton	92831	2	0	2	3	1	0	2	0	10	No

Map Ref No.	Site Name	Address	City	Zip	Site Distance from FM8	Site Known to Have Used Solvents on Regular Basis/In-Large Volume	Site Lies Within Footprint of Localized Plume	Site Currently Under Regulatory Oversight	Number of Years in Operation	PCE/TCE Confirmation	Property Size	Site with Large Volumes of Blank/Unknown Disposed	TOTAL	Site in CERCLIS
68	Rayne Water Conditioning (aka Pacific Industrial Water System)	1702 E. Rosslynn Ave.	Fullerton	92831	2	0	2	3	1	0	2	0	10	No
85	Juniors Professionals Ironwork (aka Remtech Restoration Corporation)	597 S. State College Blvd.	Fullerton	92831	0	0	2	3	2	0	1	2	10	No
113	A D S Gold, Inc.	717-J S. State College Blvd.	Fullerton	92831	0	0	2	3	2	0	1	2	10	No
133	Santa Fe Pacific Realty Corporation	1300-1330 E. Valencia Dr.	Fullerton	92831	3	0	2	3	1	0	1	0	10	No
134	Flemming Environmental	1372 E. Valencia Dr.	Fullerton	92831	3	0	2	3	1	0	1	0	10	No
136	Acutek U.S. Inc.	1488 E. Valencia Dr.	Fullerton	92833	3	0	2	3	1	0	1	0	10	No
142	Viele & Sons, Inc.	1820 E. Valencia Dr.	Fullerton	92831	2	0	2	3	1	0	2	0	10	No
149	Gosiger West (aka Gosiger, Inc.)	2334 E. Valencia Dr.	Fullerton	92831	0	0	2	3	1	0	2	2	10	No
2	Siegling America	350 S. Acacia Ave.	Fullerton	92831	2	0	2	3	1	0	1	0	9	No
7	Whitnon GMN (aka GMN Whitnon Spindell)	369 S. Acacia Ave.	Fullerton	92831	2	0	2	3	1	0	1	0	9	No
9	S C Precision Molds, Inc.	419 S. Acacia Ave.	Fullerton	92831	2	0	2	3	1	0	1	0	9	No
10	WD & J Machine & Engineering	443 S. Acacia Ave.	Fullerton	92831	2	0	2	3	1	0	1	0	9	No
21	Masco Sweepers, Inc. (aka Crenshaw Die and Manufacturing)	1223 E. Ash Ave.	Fullerton	92831	3	0	2	3	1	0	0	0	9	No
24	Camarigg Automotive, Inc. (aka Nickolas Steel)	1229 E. Ash Ave.	Fullerton	92831	3	0	2	3	1	0	0	0	9	No
26	Southern California Trucking	1234 E. Ash Ave. Unit D	Fullerton	92831	3	0	2	3	1	0	0	0	9	No
27	Commonwealth Elementary School	2200 E. Commonwealth Ave.	Fullerton	92831	1	0	0	3	1	0	2	2	9	No
28	California Almond Growers	324 S. Hale Ave.	Fullerton	92831	1	0	2	3	1	0	2	0	9	No
30	Blue Line Foodservice Distribution	330 S. Hale Ave.	Fullerton	92831	1	0	2	3	1	0	2	0	9	No
34	Specialty Extrusion Corporation (aka Al McDougal)	1580 E. Kimberly Ave.	Fullerton	92831	2	0	2	3	1	0	1	0	9	No
43	Accurate Auto Performance	500 S. Raymond Ave. Ste B1	Fullerton	92831	3	0	2	3	1	0	0	0	9	No
47	Genesis Auto Body	500 S. Raymond Ave. Ste G	Fullerton	92831	3	0	2	3	1	0	0	0	9	No
60	United States Spring & Stamping CO, Inc.	615 S. Raymond Ave.	Fullerton	92831	3	0	2	3	1	0	0	0	9	No
61	Same Day Cylinder	619 S. Raymond Ave.	Fullerton	92831	2	0	2	3	1	0	1	0	9	No
97	Ropack Corp	660 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	2	9	No
108	College Business Park (aka Crico-HST Associates)	701 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	2	9	No
118	Mesa Technology	733 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	2	9	No
128	Trico Realty	765 S. State College Blvd. Unit C	Fullerton	92831	0	0	2	3	1	0	1	2	9	No
144	Kent H. Landsberg	2100 E. Valencia Dr. Ste. B	Fullerton	92833	1	0	2	3	1	0	2	0	9	No
146	Apace	2100 E. Valencia Dr. Ste D	Fullerton	92831	1	0	2	3	1	0	2	0	9	No
152	Realty Associates Fund	1404 E. Walnut Ave.	Fullerton	92831	3	0	2	3	1	0	0	0	9	No
153	Canning Gumm Inc., Western Division (aka Macdermid, Inc.)	1404 E. Walnut Ave. Ste. B	Fullerton	92831	3	0	2	3	1	0	0	0	9	No
164	Sun Pacific, Inc. (aka Texture Glass Industries Corporation; aka Texture Glass Industries)	2030 E. Walnut Ave.	Fullerton	92831	2	0	0	3	2	0	2	0	9	No
1	Acacia Career Training Facility (aka North Orange County Regional Occupational Center)	301 S. Acacia Ave.	Fullerton	92831	2	0	2	3	1	0	0	0	8	No
3	FAAC International, Inc.	357 S. Acacia Ave.	Fullerton	92831	2	0	2	3	1	0	0	0	8	No
4	SAAC International, Inc.	357 S. Acacia Ave. Unit 357	Fullerton	92831	2	0	2	3	1	0	0	0	8	No
76	Fullerton INDL Park (aka A L S Corporation)	501 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	2	0	8	No
77	OP & F Trust & Rreef Management	541 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	2	0	8	No
78	Rozak Engineering Inc. aka Qualitask Inc.	556 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0		2	8	No
84	Circuit Image Systems	591 S. State College Blvd.	Fullerton	92831	0	0	2	3	2	0	1	0	8	No
88	Picture This (aka Precision Mold Base Corporation; aka OP&F Trust & Rreef	631 S. State College Blvd.	Fullerton	92831	0	0	2	3	2	0	1	0	8	No
92	AC Alternator & Starter Shop	651 S. State College Blvd. #17	Fullerton	92831	0	0	2	3	1	0	2	0	8	No
94	Garner Grinding	655 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	2	0	8	No
96	Superior Lift	655 S. State College Blvd. No. 31	Fullerton	92831	0	0	2	3	1	0	2	0	8	No
102	Awnings by Russ (aka Trico Realty, Inc.)	689 S. State College Blvd.	Fullerton	92831	0	0	2	3	2	0	1	0	8	No
109	Trico Rents (aka Javier Ornamental; aka Lympus Prints; aka Typewriter M D's)	707 S. State College Blvd.	Fullerton	92831	0	0	2	3	2	0	1	0	8	No
112	American Diversifed Silver (aka Bright Polishing, Inc.)	717 S. State College Blvd.	Fullerton	92831	0	0	2	3	2	0	1	0	8	No
148	G T Price Products Inc.	2320 E. Valencia Dr.	Fullerton	92831	0	0	2	3	1	0	2	0	8	No
160	Good Water Warehouse (aka Whitnon/GMN)	1700 E. Walnut Ave.	Fullerton	92831	2	0	0	3	1	0	2	0	8	No
161	Iww Incorporated (aka Westport Graphics, Inc.; aka Mysee Designery)	1718 E. Walnut Ave.	Fullerton	92831	2	0	0	3	1	0	2	0	8	No
162	Riccar America & Vac Pros (aka Acacia Business Center)	1800 E. Walnut Ave.	Fullerton	92831	2	0	0	3	1	0	2	0	8	No

Map Ref No.	Site Name	Address	City	Zip	Site Distance from FM8	Site Known to Have Used Solvents on Regular Basis/In-Large Volume	Site Lies Within Footprint of Localized Plume	Site Currently Under Regulatory Oversight	Number of Years in Operation	PCE/TCE Confirmation	Property Size	Site with Large Volumes of Blank/Unknown Disposed	TOTAL	Site in CERCLIS
163	Bob Evans Farms Corporation	1820 E. Walnut Ave.	Fullerton	92831	2	0	0	3	1	0	2	0	8	No
169	Jaco Environmental, Inc.	2354 E. Walnut Ave.	Fullerton	92831	0	0	0	3	1	0	2	2	8	No
170	Smalley & Co.	2358 E. Walnut Ave.	Fullerton	92831	0	0	0	3	1	0	2	2	8	No
79	Alcoa Global Fasteners, Inc.	561 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
80	Sprint Printing Inc.	570 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
82	Accurate Industrial Construction Inc.	580 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
83	Soma Magnetics Corporation	585 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
86	Nordstrom, Inc.	601 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
87	Nelson-Keystone Inc. (aka Rreef management)	623 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
98	Anglin's Instrument Repair (aka Industrial Starters)	663 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
99	G.P. Precision	667 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
100	Mike Harrison Construction, Inc.	667 S. State College Blvd. #79	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
101	Airsoft Advantage (aka Machine Tool Factory)	679 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
103	Micr Comp, Inc.	689 S. State College Blvd. #A	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
104	Dzine Fab	689 S. State College Blvd. Ste F	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
105	Advanced Machine & Tool	699 S. State College Blvd. #F	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
106	Jarreau Signs	699 S. State College Blvd. Ste I	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
107	Juniors Professional Iron	699 S. State College Blvd. Unit K	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
110	Summit Event Productions	707 S. State College Blvd. Ste A	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
111	Perfect Coat, Inc.	707 S. State College Blvd. Unit D	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
114	Mica Lighting (aka Tiny's Forklift)	717 S. State College Blvd. # K	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
115	Ken Thurm Enterprises (aka JCW Finishing; aka MRC Forklift, Inc.)	727 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
116	JCW Finishing	727 S. State College Blvd. Unit A	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
117	MRC Forklift, Inc.	727 S. State College Blvd. Ste C	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
119	Tiny's Forklift	733 S. State College Blvd. #98	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
120	96 Upholstery (aka Industrial Starters)	737 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
121	Auto Craft by Rick	743 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
122	Gasss	747 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
123	Industrial Starters	751 S. State College Blvd.	Fullerton	92631	0	0	2	3	1	0	1	0	7	No
124	AES Electronics Recycling, Inc. (aka Bright Polishing, Inc.; aka Advanced E-Waste Solutions)	751 S. State College Blvd. Ste. 44	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
125	OneTech Circuit Inc.	753 S. State College Blvd. Unit 30	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
126	Tiny's Forklift	759 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
127	Pho Ellie (aka Fortress Foto Finishing; aka State College Quickprint)	765 S. State College Blvd.	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
129	Creative Machining, Inc.	765 S. State College Blvd. Ste D	Fullerton	92831	0	0	2	3	1	0	1	0	7	No
166	Tri Pacific Heating & Air Conditioning (aka Span O Matic, Inc.; aka Quality Industrial Systems)	2116 E. Walnut Ave.	Fullerton	92831	1	0	0	3	2	0	1	0	7	No
167	Nordstrom, Inc. #391 (aka Nordstrom Design Center)	2200 E. Walnut Ave.	Fullerton	92831	1	0	0	3	1	0	2	0	7	No
165	Anderson Air Conditioning LP	2100 E. Walnut Ave.	Fullerton	92831	1	0	0	3	1	0	1	0	6	No
168	Fullfillment Corporation of America (aka Insulated Shipping Containe)	2340 E. Walnut Ave.	Fullerton	92831	0	0	0	3	1	0	2	0	6	No
36	PCA Metals	1723 E. Kimberly Ave.	Fullerton	92831	1	0	2	0	0	0	1	0	4	No
	Table 2: Project Priority Chart													

### **Table 3**

#### **Key Parameter Concentrations in Well No.FM-8 (Source: OCWD)**

**Table 3**  
**Monitoring Well FM-8 Key Parameter Concentrations**  
**North Basin Groundwater Protection Project**

<b>Monitoring Well</b>		<b>FM-8</b>		
	<b>Permit Discharge Limit (ug/l)</b>	<b>Minimum (ug/l)</b>	<b>Mean (ug/l)</b>	<b>Max (ug/l)</b>
<b>Primary VOCs (ug/l)</b>				
1, 1-Dichloroethene (1, 1-DCE)	6	3.0	20.20	55.8
Tetrachloroethene (PCE)	5	16.5	32.43	64.5
Trichloroethene (TCE)	5	30.8	49.44	91.6
<b>Emergent Chemicals (ug/l)</b>				
1, 4-Dioxane	3	ND	1.52	2.0

**Notes:**

- (a) Mean of data in OCWD database for May 2001 through April 2010. Concentrations of non-detected (ND) compounds set at 1/2 detection limit
- (b) Values are based on numerous rounds of sampling.

## **Table 4**

### **Key Parameter Concentrations in Monitoring Wells (Source: OCWD)**

# Table 4

Surrogate Monitoring Wells, Key Parameter Concentrations, and Pumping Scenarios Used for Influent Concentration Calculations  
North Basin Groundwater Protection Project

		EW-1		EW-2		EW-3		EW-4		EW-2A	
Surrogate Monitoring Well		FM-16		FM-15A		FM-11		FM-7		FM-18A <sup>c</sup>	
	Permit Discharge Limit	Mean <sup>a</sup> (ug/l)	Max <sup>b</sup> (ug/l)	Mean <sup>a</sup> (ug/l)	Max <sup>b</sup> (ug/l)	Mean <sup>a</sup> (ug/l)	Max <sup>b</sup> (ug/l)	Mean <sup>a</sup> (ug/l)	Max <sup>b</sup> (ug/l)	Mean <sup>a</sup> (ug/l)	Max <sup>b</sup> (ug/l)
<b>Primary VOCs (ug/l)</b>											
1,1-Dichloroethene (1,1-DCE)	6	0.025	0.05	4.4	5.0	1.7	2.1	37.40	46.00	1.30	1.30
Tetrachloroethene (PCE)	5	80.1	93.8	1.1	1.6	0.9	1.2	12.00	13.80	0.60	0.60
Trichloroethene (TCE)	5	1	1.1	75.9	82.5	34.4	36.6	13.10	14.50	56.10	56.10
1,2-Dichloroethane (1,2-DCA)	0.5 <sup>d</sup>	0.025	0.05	1.4	1.6	0.025	0.05	0.025	0.05	0.70	0.70
<b>Emergent Chemicals (ug/l)</b>											
1,4-Dioxane	3	0.05	0.1	1.4	1.8	0.75	1.0	6.90	8.80	0.05	0.1
Perchlorate	4 <sup>e</sup>	1.25	2.5	10.7	11.7	9.1	9.9	1.70	2.50	4.70	4.70
1,2,3-TCP	0.005 <sup>d</sup>	0.002	0.005	0.005	0.010	0.010	0.010	0.002	0.005	0.002	0.005
Nitrate (N) (mg/l)	10 <sup>a</sup>	1.6	1.6	19.1	19.2	14.8	15.1	5.50	5.60	9.10	9.10
<b>Assumed Pumping Rates</b>											
	Total Pumping Rate (gpm)	(gpm)		(gpm)		(gpm)		(gpm)		(gpm)	
Scenario 1	4,000	800		800		800		800		800	
Scenario 2	3,500	800		600		700		800		600	
Scenario 3	3,000	700		500		600		700		500	
Scenario 4	2,500	600		400		500		600		400	

**Notes:**

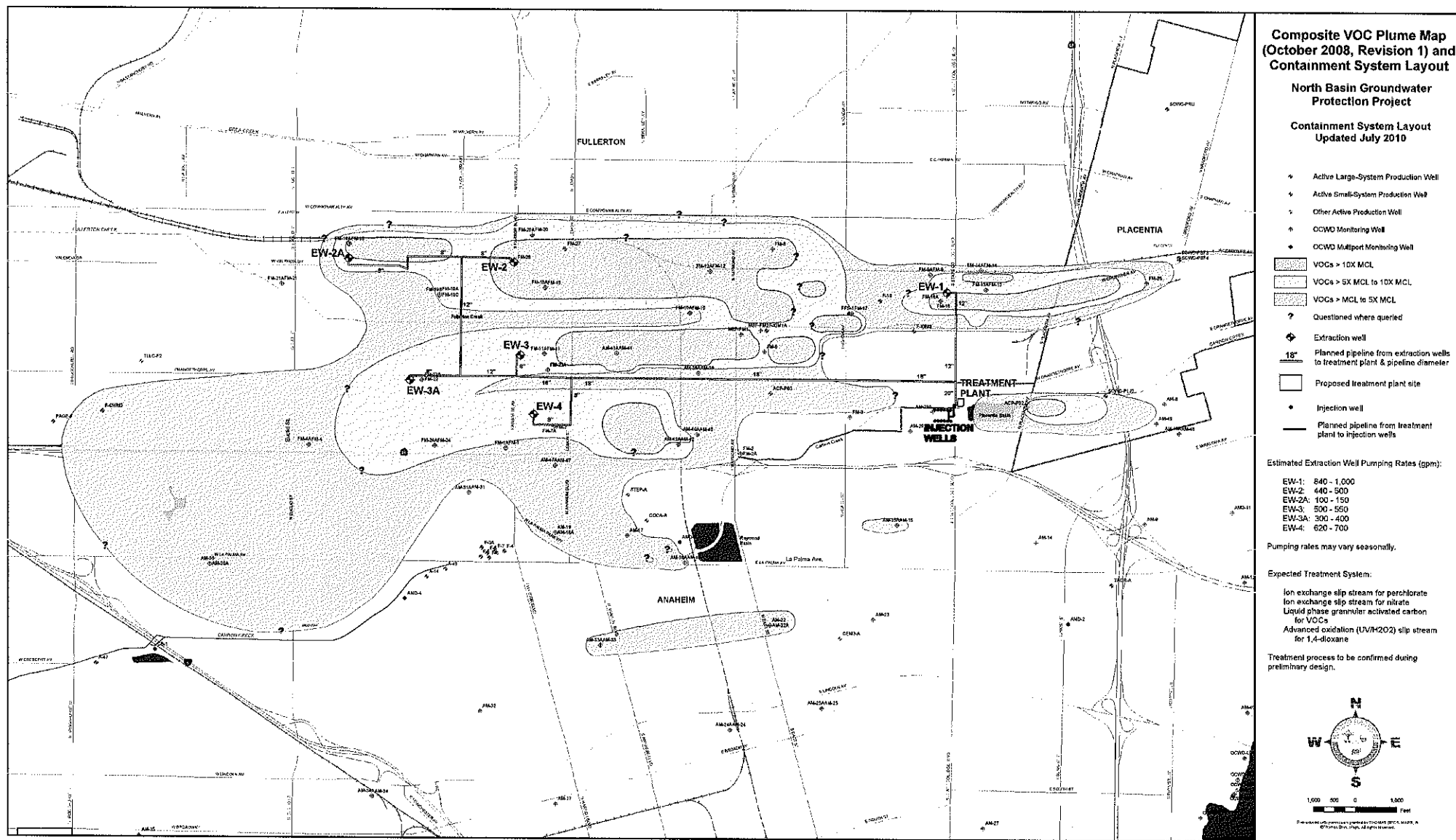
- (a) Mean of data in OCWD WRMS database for July 2003 through July 2005. Concentrations of non-detected compounds set at 1/2 detection limit.
  - (b) Maximum of data in OCWD WRMS database for July 2003 through July 2005. Concentrations of non-detected compounds set at detection limit.
  - (c) Values are based on numerous rounds of sampling.
  - (d) Discharge limit for 1,2-DCA and nitrate not specified in RWQCB permit; Maximum Contaminant Level used as discharge limit.
  - (e) Permit discharge limit expected to be raised to 6 ug/l, the current State Notification Level.
- Parameters with concentrations shown in italics were not detected, but are listed because it was detected in one or more surrogate monitoring well. Shaded values exceed permitted discharge limit or assumed discharge limit.

## **Table 5**

### **List of Sites Recommended for Site Screening or Site Re-assessment (Source:DTSC)**

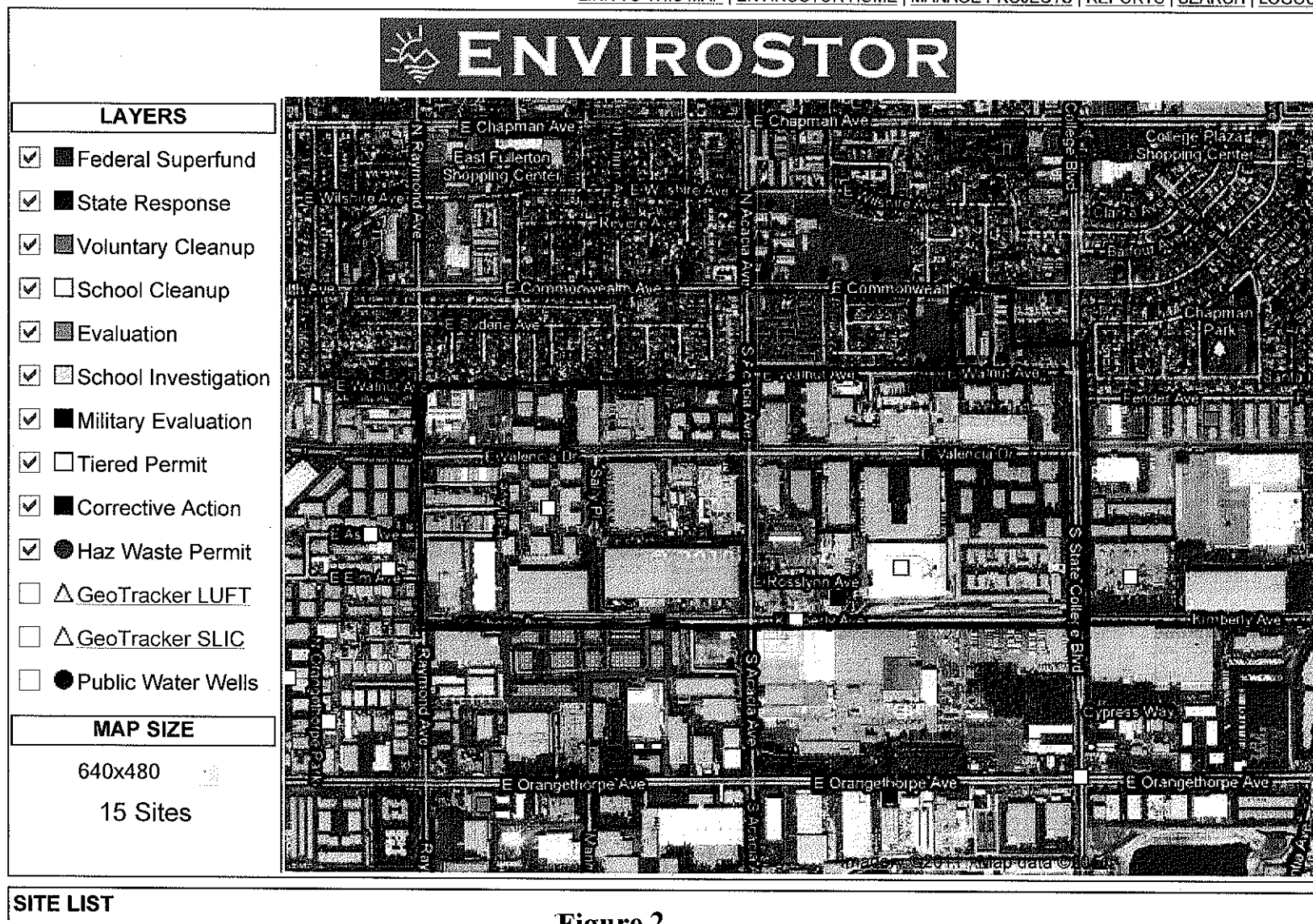
[illegible]

# FIGURES



**Figure 1**

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**Figure 2**  
North OC Site Discovery Project Area

# ATTACHMENTS

**SITE DISCOVERY WORKPLAN**

**North Orange County Project: DTSC – Cypress Branch**

**Cooperative Agreement No. V-97999001-2**

**December 6, 2010**

**Prepared for: Mr. Carl Brickner  
U.S. Environmental Protection Agency  
Region 9**

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**Signatures and Concurrence:**

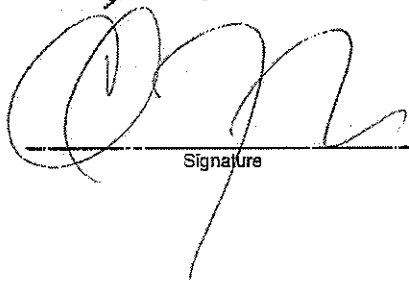
DTSC Unit Chief:

  
Signature

Greg Holmes  
Type Name

12/16/10  
Date: (MM/DD/YYYY)

EPA Concurrence:

  
Signature

Carl Brickner  
Type Name

12/22/2010  
Date: (MM/DD/YYYY)

## **List of Acronyms**

DTSC: Department of Toxic Substances Control  
RWQCB: Regional Water Quality Control Board  
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act  
SARA: Superfund Amendments and Reauthorization Act  
EPA: U.S. Environmental Protection Agency  
CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System  
North OC: North Orange County

### **1.0 Introduction**

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), Cypress Region has been tasked to conduct a Site Discovery Project for the North Orange County (North OC), California area.

More information about the Superfund program is available on the EPA web site at <http://www.epa.gov/superfund>

### **2.0 Site Description**

The North Orange County (OC) Site Discovery Project will be conducted in the southern portion of the city of Fullerton (**Figure 1**) in Orange County, California. The purpose of this project is to identify potential sources of groundwater contamination which have caused the closure of four production wells and threatened several other production wells. **Table 1** shows contaminant concentrations in extraction wells in the project area.

DTSC's project builds on the efforts of the Orange County Water District (OCWD) to identify sources of groundwater contamination. The study area for OCWD's North Basin Groundwater Protection Project includes the area of DTSC's North OC Site Discovery Project. The study area of the North OC Site Discovery Project (Project Area) is bounded by South State College Boulevard to the east, E Commonwealth Avenue and S. Lillie Avenue to the north-east, S Raymond Avenue to the west, E Walnut Avenue to the north, and E Kimberly Avenue to the south (**Figure 2**). This area was chosen because it may contain one or more sources of groundwater contamination contributing to a regional plume and impacting well No. FM-8, a monitoring well operated by OCWD. The maximum concentrations of trichloroethene (TCE), tetrachloroethene (PCE), 1,1-Dichloroethene (1,1-DCE) and 1,4-Dioxane detected in well No. FM-8 (**Table 2**) were 91.6 ug/l, 64.5 ug/l, 55.8 ug/l and 2 ug/l respectively, for the period of May 2001 through April 2010. Groundwater in the Project Area generally flows to the west, in the direction of well No. FM-8. Currently the source of contamination in FM-8 is unknown.

## **2.1 Hydrogeologic Setting**

Various investigations conducted by Orange County Water District (OCWD) and others have revealed that groundwater in the northern portion of the Orange County groundwater basin, generally north of the 91 Freeway, west of the 57 Freeway, east of Magnolia Avenue, and south of Chapman Avenue, is contaminated with VOCs that are constituents of industrial degreasing solvents. This approximately 11-square-mile area is located in the cities of Fullerton and Anaheim, and falls within the region known as the Forebay, which is the predominant area of basin recharge. For the purposes of this report, this area will be referred to as the North Basin Area, as depicted on Figure 1.

Groundwater contamination in the project area is primarily found in the shallow-most aquifer, which is generally less than 200 feet deep. However, in the eastern North Basin area, VOC-impacted groundwater has migrated downward and into aquifers tapped by production wells. To protect public health, the City of Fullerton shut down production wells F-FS13 and F-KIM1 in 1999 and 2001, respectively, as a result of increasing tetrachloroethene (PCE) concentrations. These wells were subsequently destroyed in 2002. Groundwater contamination originating in the shallow aquifer continues to migrate both laterally and vertically in response to hydraulic gradients in the area. Both shallow and deeper monitoring wells along the downgradient edges of the VOC plumes exhibit significantly increasing VOC concentrations, demonstrating that the plumes continue to migrate. The groundwater monitoring data show that downgradient production wells operated by the cities of Fullerton and Anaheim are threatened if the VOC-impacted groundwater continues to migrate unabated into the deeper aquifers where the bulk of groundwater production takes place. Also, continued migration of contamination will adversely impact the water producer's ability to utilize contaminated parts of the aquifer.

## **2.2 Operational History of Major Sites in the North Basin**

For decades, much of the North Basin area has had overlying industrial land use. Numerous industrial facilities have contributed to groundwater contamination in the area. The California Regional Water Quality Control Board, Santa Ana Region (RWQCB) identified several facilities responsible for groundwater contamination in the North Basin and has taken actions to address contamination at some specific facilities. All of these sites are associated with groundwater contamination plumes that are suspected to have been caused by past and present chemical handling practices. A groundwater plume map from what OCWD terms "high risk" sites is shown in **Figure 3**.

### **3.0 Apparent Problem**

Groundwater is the primary source of drinking water in Orange County, supplying about 80 percent of all drinking water. This water supply has been threatened by two large multi-source groundwater plumes: one mostly in Santa Ana in central Orange County and other in north Orange County in the Fullerton area, which is the subject of this Site Discovery Project. These two Orange County plumes are separated by several miles and are not contiguous.

DTSC and the Regional Water Quality Control Board (RWQCB) have been aware of groundwater contamination at various sites in the Project Area since the 1980s, but there does not appear to have been a regional approach to the problem until the Orange County Water District (OCWD) initiated its North Basin Groundwater Protection Project in 2005.

The North Basin contains several production wells that are threatened by the contamination plume; 80% of Fullerton's water is from the wellfield and most of the plume is in Fullerton which has already lost two production wells. These wells contain high levels of tetrachloroethene (PCE), trichloroethene (TCE) and perchlorate, and have been taken offline. Other chemicals found in the groundwater plume include 1,1-DCE, and 1,4-dioxane, primarily in the shallow groundwater zone.

### **4.0 Proposed Solution**

OCWD has investigated groundwater conditions in the North Basin Area, and has prepared and updated a focused feasibility study to address groundwater contamination in the North Basin Area, and has filed lawsuits naming companies suspected to be sources of the VOC and/or perchlorate contamination. DTSC's task is to review database information and site files, and conduct file search and field surveys, to discover any additional potential contamination source sites. Any additional identified sites will be added to a project database together with other relevant information. DTSC proposes the following sources of information and methodology.

## **5.0 Sources of Information**

1. U.S. EPA's CERCLIS database will be checked for site status (active, archived, or not in CERCLIS). The Project database will indicate which sites are in CERCLIS, so DTSC can separate the list into sites for future screening and reassessment.
2. DTSC's Hazardous Waste Tracking System will be reviewed to identify generators of hazardous waste containing VOCs or potentially containing VOCs and to add those sites to the list.
3. DTSC's EnviroStor database, the RWQCB's Geotracker database, and the Orange County Health Care Agency (OCHCA) sites list will be checked to see which sites are in those programs. A limited file review may also be conducted if necessary.
4. Compiled evidence will be reviewed to identify sites with confirmed contamination, for future enforcement if necessary. This will include groundwater sampling data if available.
5. A drive-by survey will be conducted to identify additional potential sites and add sites to the list, after steps #1-4 have been conducted.

## **6.0 Methodology**

A project database will be compiled. Based on collected information, sites will be scored for future site screening and reassessment. Sites identified for screening will be added to the current EPA's monthly tracking report (MRTR) for screening, either during this fiscal year or next fiscal year.

## **7.0 Regulatory Agencies**

### **7.1 U. S. Environmental Protection Agency (EPA)**

EPA's CERCLIS database will be reviewed. Sites in CERCLIS will be flagged in the project database and some of them will be designated for potential site reassessment instead of site screening, since site screens are performed only on sites that are not in CERCLIS.

### **7.2 Department of Toxic Substances Control (DTSC)**

Sites will be checked against DTSC's EnviroStor database. For sites in EnviroStor, the information will be used to populate the "detections of chemicals of concern" field of the project database and, if possible, the "confirmation confirmed" field. DTSC's HAZNET database will be reviewed for manifest information on types and volumes of waste streams and any cleanup waste shipped off site. This site discovery project has been

incorporated into the work of the Cypress Cleanup Program Orange County Groundwater Cleanup Team. The charter for this team is included as Appendix 1

### **7.3 Regional Water Quality Control Boards (RWQCBs)**

The Regional Water Quality Control Boards' (RWQCB) Geotracker database will be reviewed. For sites in EnviroStor, the information will be used to populate the "detections of chemicals of concern" field of the project database and, if possible, the "confirmation confirmed" field.

### **7.4 Certified Unified Planning Agencies (CUPAs)**

A list of sites in the Project Area and contamination information will be requested from the Orange County Health Care Agency (OCHCA), the CUPA for Orange County.

### **7.5 Orange County Water District (OCWD)**

The OCWD was established by the state legislature in 1933 to protect the water resources of Orange County and to represent the County's water purveyors. OCWD monitors groundwater wells, collects water quality data, and coordinates the use of groundwater in the County. OCWD initiated the North Basin Groundwater Protection Project in an effort to address groundwater contamination in the Fullerton area. DTSC has attended several meetings with OCWD in which this Site Discovery Project was discussed, among other topics. OCWD provided DTSC with a list of 40 defendants that OCWD believes may be sources of groundwater contamination of the North Basin; a Composite VOC Plume Map -January 2009 (**Figure 3**); and Excel spreadsheets listing VOC contaminations detected in public wells.

## **8.0 Deliverable**

DTSC will produce and finalize a Site Discovery Report, according to the approved Workplan for the North Orange County Site Discovery Project. DTSC's target submittal date is by December 31, 2010. The final report will include the project database which will list the sites identified by DTSC, and their priority for future site screening. The highest priority sites will be included in this year's PA/SI Workplan (MRTR) with the remainder to be screened during fiscal year 2011-2012.

## **TABLES**

**Table 1 - Contaminant Concentrations in Extraction Wells (Source: OCWD)**

**Table 2 - Contaminant Concentrations in Well No. FM-8 (Source: OCWD)**

## **FIGURES**

**Figure 1 - General Project Area (Source: DTSC with OCWD consultation)**

**Figure 2 - Project Area Map (Source: DTSC EnviroStor)**

**Figure 3 - Composite VOC Plume Map (Source: OCWD)**

## **ATTACHMENTS**

**Attachment 1- TCE, PCE, 1, 1 - DCE Concentrations in Well No. FM-8 (Source: OCWD)**

## **APPENDICES**

**Appendix 1 - DTSC Orange County Groundwater (OCGW) Team Charter  
(Source: DTSC, OCGW Team)**

# TABLES

**Table 1**  
**Surrogate Monitoring Wells, Key Parameter Concentrations, and Pumping Scenarios Used for Influent Concentration Calculations**  
**North Basin Groundwater Protection Project**

		EW-1		EW-2		EW-3		EW-4		EW-2A	
Surrogate Monitoring Well		FM-16		FM-15A		FM-11		FM-7		FM-18A <sup>e</sup>	
	Permit Discharge Limit	Mean <sup>a</sup> (ug/l)	Max <sup>b</sup> (ug/l)	Mean <sup>a</sup> (ug/l)	Max <sup>b</sup> (ug/l)	Mean <sup>a</sup> (ug/l)	Max <sup>b</sup> (ug/l)	Mean <sup>a</sup> (ug/l)	Max <sup>b</sup> (ug/l)	Mean <sup>a</sup> (ug/l)	Max <sup>b</sup> (ug/l)
<b>Primary VOCs (ug/l)</b>											
1,1-Dichloroethene (1,1-DCE)	6	0.025	0.05	4.4	5.0	1.7	2.1	37.40	46.00	1.30	1.30
Tetrachloroethene (PCE)	5	80.1	93.8	1.1	1.6	0.9	1.2	12.00	16.80	0.60	0.60
Trichloroethene (TCE)	5	1	1.1	75.9	82.5	34.4	35.6	13.10	14.50	56.10	56.10
1,2-Dichloroethane (1,2-DCA)	0.5 <sup>d</sup>	0.025	0.05	1.4	1.6	0.025	0.05	0.025	0.05	0.70	0.70
<b>Emergent Chemicals (ug/l)</b>											
1,4-Dioxane	3	0.05	0.1	1.4	1.8	0.75	1.0	6.90	8.80	0.05	0.1
Perchlorate	4 <sup>e</sup>	1.25	2.5	10.7	17.7	9.1	9.9	1.70	2.50	4.70	4.70
1,2,3-TCP	0.005 <sup>d</sup>	0.002	0.005	0.005	0.010	0.010	0.010	0.002	0.005	0.002	0.005
Nitrate (N) (mg/l)	10 <sup>d</sup>	1.6	1.6	19.5	19.2	14.8	15.1	5.50	5.60	9.10	9.10
<b>Assumed Pumping Rates</b>											
	Total Pumping Rate (gpm)	(gpm)		(gpm)		(gpm)		(gpm)		(gpm)	
Scenario 1	4,000	800		800		800		800		800	
Scenario 2	3,500	800		600		700		800		600	
Scenario 3	3,000	700		500		600		700		500	
Scenario 4	2,500	600		400		500		600		400	

**Notes:**

- (a) Mean of data in OCWD WRMS database for July 2003 through July 2005. Concentrations of non-detected compounds set at 1/2 detection limit.  
(b) Maximum of data in OCWD WRMS database for July 2003 through July 2005. Concentrations of non-detected compounds set at detection limit.  
(c) Values are based on one round of sampling.  
(d) Discharge limit for 1,2-DCA and nitrate not specified in RWQCB permit; Maximum Contaminant Level used as discharge limit.  
(e) Permit discharge limit expected to be raised to 6 ug/l, the current State Notification Level.  
Parameters with concentrations shown in italics were not detected, but are listed because it was detected in one or more surrogate monitoring well.  
Shaded values exceed permitted discharge limit or assumed discharge limit.

**Table 2**  
**Monitoring Well FM-8 Key Parameter Concentrations**  
**North Basin Groundwater Protection Project**

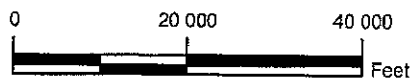
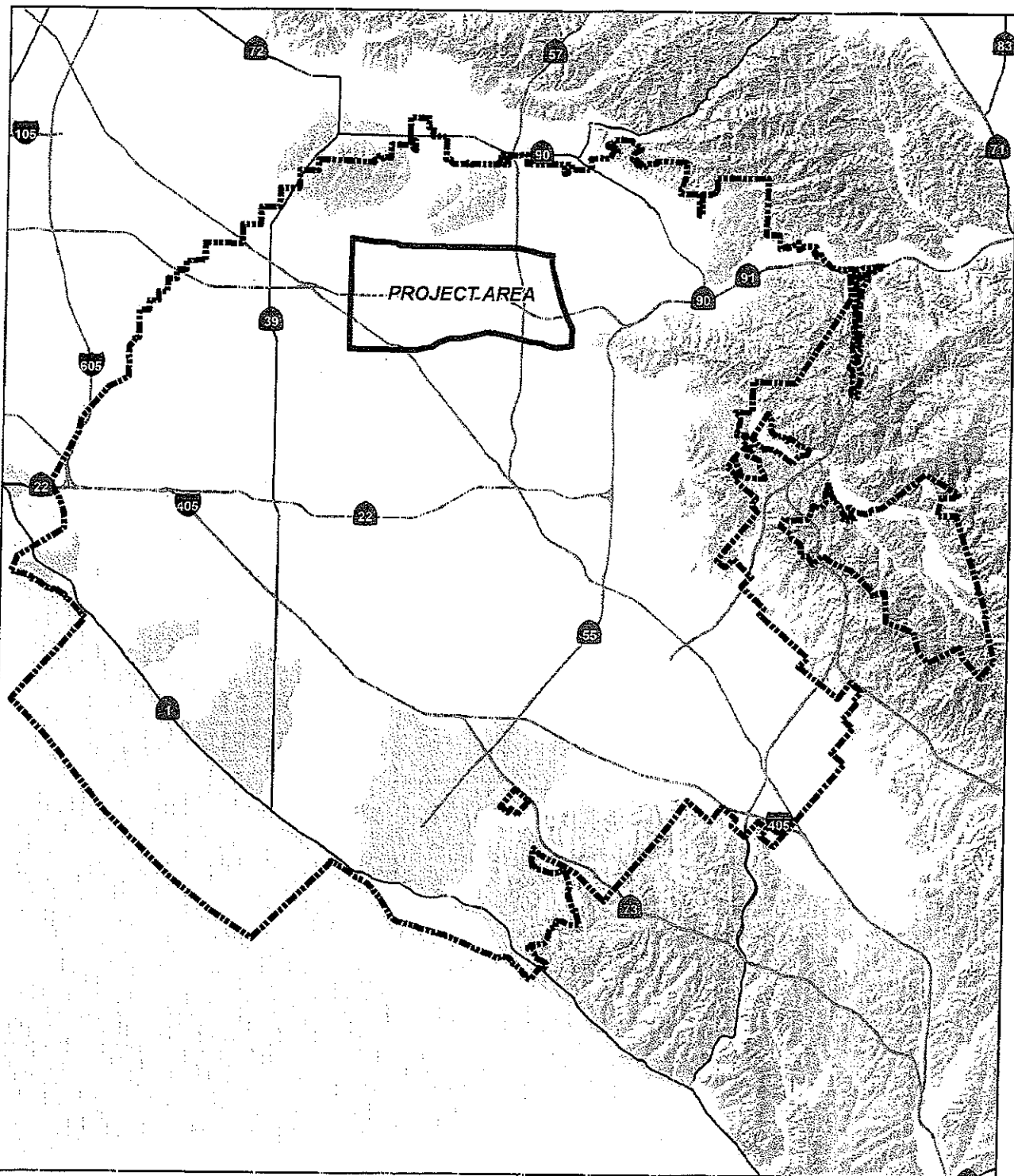
Monitoring Well		FM-8		
	Permit Discharge Limit	Minimum (ug/l)	Mean (ug/l)	Max (ug/l)
<b>Primary VOCs (ug/l)</b>				
1, 1-Dichloroethene (1, 1-DCE)	6	3.0	20.20	55.8
Tetrachloroethene (PCE)	5	16.5	32.43	64.5
Trichloroethene (TCE)	5	30.8	49.44	91.6
<b>Emergent Chemicals (ug/l)</b>				
1, 4-Dioxane	3	ND	1.52	2.0

**Notes:**

- (a) Mean of data in OCWD database for May 2001 through April 2010. Concentrations of non-detected (ND) compounds set at 1/2 detection limit
- (b) Values are based on numerous rounds of sampling

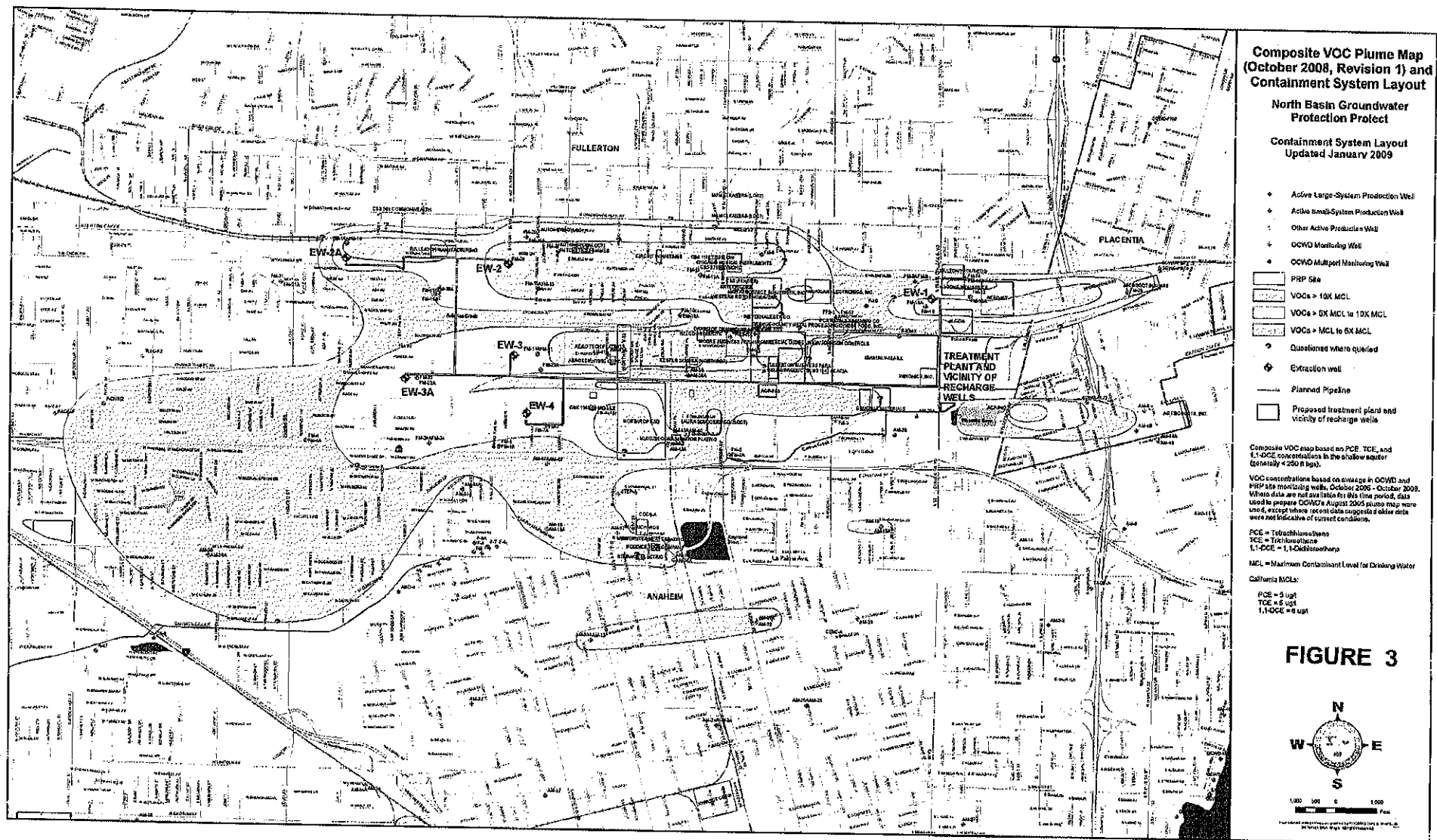
# FIGURES

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**FIGURE 1**  
**GENERAL PROJECT AREA**





# **ATTACHMENTS**

**Attachment 1**

<u>Well No. FM-8</u>		<u>Contaminant</u>	<u>Concentrations</u>		
STATION	DATETIME	PARAMABBR	RESULT_TXT	RDL	UNITSABBR
FM-8/1	4/22/2010	11DCE	8.4	0.5	ug/L
FM-8/1	2/10/2010	11DCE	16.9	0.5	ug/L
FM-8/1	10/21/2009	11DCE	15.6	0.5	ug/L
FM-8/1	7/15/2009	11DCE	26.2	0.5	ug/L
FM-8/1	4/6/2009	11DCE	31.9	0.5	ug/L
FM-8/1	1/21/2009	11DCE	51.6	0.5	ug/L
FM-8/1	10/7/2008	11DCE	54.2	0.5	ug/L
FM-8/1	7/30/2008	11DCE	37.6	0.5	ug/L
FM-8/1	6/2/2008	11DCE	23.4	0.5	ug/L
FM-8/1	2/6/2008	11DCE	38.7	0.5	ug/L
FM-8/1	12/10/2007	11DCE	55.8	0.5	ug/L
FM-8/1	8/8/2007	11DCE	11.5	0.5	ug/L
FM-8/1	5/22/2007	11DCE	12.3	0.5	ug/L
FM-8/1	2/8/2007	11DCE	13.9	0.5	ug/L
FM-8/1	11/16/2006	11DCE	18	0.5	ug/L
FM-8/1	5/11/2006	11DCE	30.4	0.5	ug/L
FM-8/1	2/7/2006	11DCE	27.6	0.5	ug/L
FM-8/1	12/1/2005	11DCE	11.1	0.5	ug/L
FM-8/1	12/1/2005	11DCE	11.3	0.5	ug/L
FM-8/1	6/1/2005	11DCE	12.8	0.5	ug/L
FM-8/1	4/21/2005	11DCE	6.1	0.5	ug/L
FM-8/1	5/24/2004	11DCE	8.9	0.5	ug/L
FM-8/1	2/1/2003	11DCE	4.5	0.5	ug/L
FM-8/1	6/25/2002	11DCE	5.6	0.5	ug/L
FM-8/1	11/7/2001	11DCE	3.2	0.5	ug/L
FM-8/1	8/21/2001	11DCE	3	0.5	ug/L
FM-8/1	5/10/2001	11DCE	5.6	0.5	ug/L
FM-8/1	4/6/2009	14DIOX	ND	1	ug/L
FM-8/1	1/21/2009	14DIOX	ND	1	ug/L
FM-8/1	7/30/2008	14DIOX	ND	1	ug/L
FM-8/1	6/2/2008	14DIOX	ND	1	ug/L
FM-8/1	2/6/2008	14DIOX	ND	1	ug/L
FM-8/1	12/10/2007	14DIOX	ND	1	ug/L
FM-8/1	8/8/2007	14DIOX	ND	1	ug/L
FM-8/1	2/8/2007	14DIOX	ND	1	ug/L
FM-8/1	11/16/2006	14DIOX	ND	1	ug/L
FM-8/1	2/7/2006	14DIOX	ND	1	ug/L
FM-8/1	12/1/2005	14DIOX	ND	1	ug/L
FM-8/1	6/1/2005	14DIOX	ND	1	ug/L
FM-8/1	4/21/2005	14DIOX	ND	1	ug/L
FM-8/1	5/24/2004	14DIOX	ND	1	ug/L
FM-8/1	2/1/2003	14DIOX	ND	1	ug/L
FM-8/1	6/25/2002	14DIOX	1.3	1	ug/L
FM-8/1	11/7/2001	14DIOX	ND	1	ug/L
FM-8/1	8/21/2001	14DIOX	2	1	ug/L
FM-8/1	4/22/2010	PCE	37.8	0.5	ug/L
FM-8/1	2/10/2010	PCE	18.2	0.5	ug/L

FM-8/1	10/21/2009	PCE	19.8	0.5	ug/L
FM-8/1	7/15/2009	PCE	26.3	0.5	ug/L
FM-8/1	4/6/2009	PCE	16.7	0.5	ug/L
FM-8/1	1/21/2009	PCE	18.4	0.5	ug/L
FM-8/1	10/7/2008	PCE	27.4	0.5	ug/L
FM-8/1	7/30/2008	PCE	29.4	0.5	ug/L
FM-8/1	6/2/2008	PCE	22.8	0.5	ug/L
FM-8/1	2/6/2008	PCE	37.3	0.5	ug/L
FM-8/1	12/10/2007	PCE	59.8	0.5	ug/L
FM-8/1	8/8/2007	PCE	16.5	0.5	ug/L
FM-8/1	5/22/2007	PCE	20.9	0.5	ug/L
FM-8/1	2/8/2007	PCE	26.6	0.5	ug/L
FM-8/1	11/16/2006	PCE	29.8	0.5	ug/L
FM-8/1	5/11/2006	PCE	55.3	0.5	ug/L
FM-8/1	2/7/2006	PCE	64.5	0.5	ug/L
FM-8/1	12/1/2005	PCE	34.5	0.5	ug/L
FM-8/1	12/1/2005	PCE	37.6	0.5	ug/L
FM-8/1	6/1/2005	PCE	40.2	0.5	ug/L
FM-8/1	4/21/2005	PCE	30.1	0.5	ug/L
FM-8/1	5/24/2004	PCE	33.1	0.5	ug/L
FM-8/1	2/1/2003	PCE	38	0.5	ug/L
FM-8/1	6/25/2002	PCE	48.1	0.5	ug/L
FM-8/1	11/7/2001	PCE	24	0.5	ug/L
FM-8/1	8/21/2001	PCE	30.1	0.5	ug/L
FM-8/1	5/10/2001	PCE	35.4	0.5	ug/L

FM-8/1	4/22/2010	TCE	33.6	0.5	ug/L
FM-8/1	2/10/2010	TCE	32.8	0.5	ug/L
FM-8/1	10/21/2009	TCE	30.8	0.5	ug/L
FM-8/1	7/15/2009	TCE	36.2	0.5	ug/L
FM-8/1	4/6/2009	TCE	34.9	0.5	ug/L
FM-8/1	1/21/2009	TCE	52.1	0.5	ug/L
FM-8/1	10/7/2008	TCE	49	0.5	ug/L
FM-8/1	7/30/2008	TCE	47.3	0.5	ug/L
FM-8/1	6/2/2008	TCE	43.6	0.5	ug/L
FM-8/1	2/6/2008	TCE	62.9	0.5	ug/L
FM-8/1	12/10/2007	TCE	91.6	0.5	ug/L
FM-8/1	8/8/2007	TCE	54.7	0.5	ug/L
FM-8/1	5/22/2007	TCE	55.9	0.5	ug/L
FM-8/1	2/8/2007	TCE	58.6	0.5	ug/L
FM-8/1	11/16/2006	TCE	52.6	0.5	ug/L
FM-8/1	5/11/2006	TCE	64.6	0.5	ug/L
FM-8/1	2/7/2006	TCE	60.9	0.5	ug/L
FM-8/1	12/1/2005	TCE	50.2	0.5	ug/L
FM-8/1	12/1/2005	TCE	49.3	0.5	ug/L
FM-8/1	6/1/2005	TCE	43.7	0.5	ug/L
FM-8/1	4/21/2005	TCE	36.2	0.5	ug/L
FM-8/1	5/24/2004	TCE	34.1	0.5	ug/L
FM-8/1	2/1/2003	TCE	47.4	0.5	ug/L
FM-8/1	6/25/2002	TCE	40.7	0.5	ug/L
FM-8/1	11/7/2001	TCE	46.5	0.5	ug/L
FM-8/1	8/21/2001	TCE	54.8	0.5	ug/L

FM-8/1

5/10/2001

TCE

56 9

0 5 ug/L

## **APPENDICES**



## APPENDIX 1

# Department of Toxic Substances Control Region 4 P2dW/Orange County Groundwater (OCGW) Team

## OCGW Team Charter April 2010

Sponsors: Ray Leclerc, Assistant Deputy Director  
John Scandura, Performance Manager

Advisors: Scott Warren, P2dW Team Leader  
Ted Peng, Agency Coordination/MOU Negotiation  
J.T. Liu, Special Task Advisor

Leader: Greg Holmes

### Members:

Eileen Khachatourians, Lead Project Manager (PM) and PM for Orange County North (OCN)  
Robert Romero, PM Orange County Central (OCC)  
Rafiq Ahmed, PM and site discovery PM  
CY Jeng and Efrem Neuwirth, Toxicology  
Jackie Spizman, Project consultant  
Debbie Schwartz, Legal  
Kathie Schievelbein, CEQA  
Paul Pongetti and Jim Wilkinson, Geology  
Sara Michael, GIS/Data Base/EnviroStor  
Steven Hariri, Engineering  
Tim Chauvel, Public Participation

*Decision making and its involved fundamental processes will be self-directed, transparent and made by team consensus*

### OCGW Team Role:

- 1 To better protect groundwater in Orange County, public health and safety, environmental and technical aspects of projects will be focal points
- 2 Establish collaborative, long term, relationships with various agencies such as the State Water Resources Control Board (SWRCB), the Los Angeles and Santa Ana Regional Water Quality Control Boards (LARWQCB and SARWQCB respectively), the Orange County Water District (OCWD), the Water Replenishment District (WRD), responsible parties (RPs) and the citizens of affected communities by promoting open and transparent communication
- 3 Bring disparate groups together to identify and resolve soil and groundwater contamination issues and to promote efficient use of limited resources

4. Present demonstration projects to DTSC staff, management and legislators during internal workshops and at technical conferences
5. Develop and implement a regional Conceptual Model focusing on cost effective characterization and remediation of groundwater contamination, while simultaneously identifying potential source areas
6. Address interim measures during source removal activities
7. Compile information, analyze data and publish maps using GIS technology
8. Focus site discovery efforts by identifying potential RPs (PRPs), negligent and other parties responsible for groundwater contamination
9. Align project activities with the DTSC Strategic Plan and P2dWs tactical agenda
10. Coordinate CEQA activities
11. Prioritize, and improve efficiency of project activities to protect ground water resource
12. Encompass more cost effective solutions by expanding both professional and technical perspectives beyond individual site boundaries
13. Work with RPs to ascertain and implement win/win solutions
14. Seek constructive feedback from both internal and external customers to enable continuous improvement

**Vision:** To create "Social Capital," a community in which disparate groups join to actively participate in the protection and preservation of Orange County's groundwater. To focus on discovery, design and implementation of the best project management practices for site characterization and remediation and to improve efficiencies of regulatory oversight to protect groundwater resources in Orange County

**Mission:** To promote integration of water protection and management activities, structured to develop innovative solutions to complex multi-disciplinary environmental problems. Driven to efficiently and effectively safeguard Orange County's ground water thereby protecting the critical drinking water supply.

**Core Values:** Create and maintain a trusting, open, communicative environment; an environment where disparate groups, with varying perspectives and interests may come together to express concerns and opinions. A place where trepidations are acknowledged and discussed, as all parties invest themselves in the development of creative, responsible, "win-win" solutions to complex environmental problems that either impact or may impact Orange County's ground water

### ***Proposed Approach***

- Collect groundwater, soil and lithology data as well as other important information from contaminated Sites and impacted drinking water wells to ascertain and apply the best management practices and approaches necessary and available to protect ground water thereby shielding Orange County's drinking water from potential toxic harm
- Secondly, work to maximize the use of stakeholder and taxpayer monies by considering and utilizing collaborative approaches developed through

partnerships with other agencies, water districts and various stakeholders to ultimately protect drinking water

- Thirdly, examine the environmental cost verses benefit of clean-up (the net environmental gain) and reevaluate the approaches being utilized to protecting Orange County's ground/drinking water for all consumers
- Lastly, the OCGW Team will look for new innovative, cost effective, approaches to protecting California's drinking water resources and consumers/users.

**Strategic Goals, Objectives, Outputs & Outcomes (Measures)**

**Goal 1:** OCGW Team projects and activities are intended to be transparent and time and cost predictable to: maximize public health protection, conserve natural resources, provide environmental stewardship and advance property reuse.

**Objective 1.1** Develop groundwater cleanup initiatives

**Strategy 1 1.1** Identify and define the problem: contaminants, source, areas and media affected

Perform site discovery seeking RPs and PRPs of contaminated and potentially contaminated sites

Compile and analyze data and communicate results

**Output 1 1.1-1** Collaborate with the SWRCB, LARWQCB, SARWQCB, and OCWD, and the WRD in order to share methodologies, data and resources

Rank and prioritize the groundwater supply wells and monitoring wells according to use, need, service area and impact

Evaluate the most cost effective methods to characterize, remediate and protect limited groundwater resources and public drinking water

**Output 1.1.1-4** Work proactively with various agencies and purveyors in determining lead agency status

Develop an expedited process for identifying sources of impacts to groundwater and drinking water wells

Protect and preserve groundwater, drinking water wells and surface water resources

**Outcome 1.1 1-4** Reduce both the costs and risks associated with remediation of contaminated groundwater for stakeholders and consumers

**Areas of Concern:**

Orange County Central (OCC) – Santa Ana Area  
Orange County North (OCN) – Fullerton Area

**OCGW Team Project Duration:** June 2009 through June 2011. At completion of project team period, the OCGW Team will re-assess the goals and accomplishments, and evaluate revisions to the P2dW/OCGW Team charter, if necessary.

**Tasks:**

- Site discovery (EPA PA/SI) – Identify unknown sites in the OCN and OCC areas
- Assist OCWD in identifying and evaluating potential responsible parties (PRPs)
- Develop community based approach and strategies to investigate, monitor, and cleanup of regional groundwater contamination.
- Establish regional groundwater task force: DTSC, SWRCB, LARWQCB, SARWQCB, OCWD, WRD, RPs, PRPs, local Water Purveyors and Districts to cooperate and effectively address regional contamination issues of plume identification, stabilization and remediation.
- Evaluate CEQA processes and needs

**Project Scope and Deliverables:**

- Joint Memorandum of Understanding (MOU) with , the United States Environmental Protection Agency (USEPA), SWRCB, LARWQCB, SARWQCB, OCWD, and other (local) city and county agencies
- Develop consent orders and corrective action consent agreements with known RPs of operating facilities in focused areas of concern
- Prepare enforcement orders and or other regulatory actions to serve upon recalcitrant RPs
- Issue corrective action consent and or ~~enforceable agreements~~consent orders to PRPs
- Utilize DTSC voluntary clean-up programs and other enforcement strategies to facilitate and expedite groundwater clean-up activities
- Implement consistent and compatible measures (interim and other) to address contamination of source areas and eliminate pathways to groundwater at all project sites
- regional groundwater models to simulate plume migrations and incorporate them into GIS or other visualization software
- Design regional groundwater control and cleanup strategies
- Develop and implement final remedies for regional groundwater plumes
- Recognize and address environmental issues and concerns by preparing appropriate CEQA documents for determining environmental impacts

### Total Team PYs Estimate

Leader: Greg Holmes

0.40 PY

#### Members:

Eileen Khachatourians, PM

0.50 PY

Robert Romero, PM

0.50 PY

Rafiq Ahmed, PM

0.25 PY

Jackie Spizman, Project consultant

0.20 PY

CY Jeng and Efrem Neuwirth, Toxicology

0.20 PY

Paul Pongetti, Geology

0.50 PY

Jim Wilkinson, Geology

0.25 PY

Debbie Schwartz, Legal

0.25 PY

Kathie Schievelbein, CEQA

0.25 PY

Sara Michael, GIS/Data Base/EnviroStor/SharePoint

0.30 PY

Tim Chauvel, Public Participation

0.20 PY

Steven Hariri, Engineering

0.10 PY

Total: 4.00 PY

## P2dw Team Stakeholder Needs Pentagon

(revised 3/26/09)

### Design Intent

Apply an Effective Efficient Safe & Economical Approach to P2dw

### Outreach:

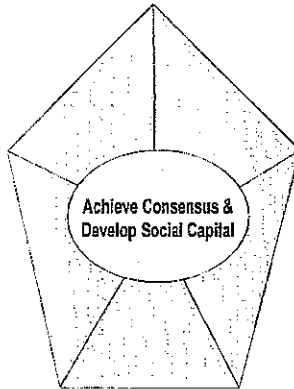
Industry Groups, RP Groups Water Managers Community Leaders,  
Political Leaders & Public

### Funding/Business Needs

- Reduce cost (time)
  - Increase Efficiency,
  - Increase profits, benefits & value
  - ID and pursue Funding Opportunities (Prop 84?)
- (Stakeholders: Developers, RPs, Redevelopment  
Agencies Property Owners Orphan Sites)

### Political Needs

- Community Protection, Effective Remedies,  
(Demonstration Projects) Legislative Scorecard
  - Tax Revenue
  - Jobs
  - Environmental Justice
  - Make maps to show issues
  - Develop DTSC Branding,
  - Outreach to Water Managers
- (Stakeholders: Legislators Local Political Leaders & Community  
Leaders)



Output 1.1.2 Visa/ta team  
Output 1.1.3 Form Team

### DTSC/WB/CaIEPA Mgmt. Needs

- Process Improvement (streamlining)
  - VCA Enforcement
  - Holistic Approach,
  - Regulatory Integration - Leverage resources (Modeling & GIS) Reduce Overlap  
& Consolidate Resources, Demonstration projects & Branding
  - RCRA/CERCLA integration
  - Align project Teams,
  - Develop DTSC Branding,
  - Establish Learning Organization,
  - Establish Jurisdictional/coordination agreements (Output 1.1.4-2)
  - Establish a portal for outsiders to access Teams Documents
- (Stakeholders: Director Perf Mgrs & Staff)

### Water District/Business Needs

- Process Streamlining Data Access, Cost Recovery Support (Lawsuit  
or sale)
  - DTSC/WD Legal agreement
  - DTSC "discovery" support -WD verify/identify
  - Establish relationships with water managers (Output 1.1.1-1)
  - Promote Transparency,
  - Bring disparate groups together Participate in DWR Groundwater  
Planning
- (Stakeholders: Water Managers)

### Technical Requirements

- Cost Effective, Safe/Protective Remediation or Well Head Treatment  
Streamliner Process, Sound Science Basis
  - New Conceptual Model
  - GIS development and distribution (Output 1.1.5)
  - Integrate GAMA and USGS scis/geological data (Output & Outcome  
1.1.1-3)
  - Streamline processes (Output 1.1.1-4.1 & 1.1.6-2)
  - Integrate data bases & require e-deliverables Integrate well logs &  
construction docs & well abandonment docs into EnviroStor,
  - Develop well construction & abandonment standards (Output 1.1.1-5)
  - Evaluate point of compliance for new conceptual model (consider  
assimilative capacity)
  - Integrate DPH Drinking Water Source Assessment (Output 1.1.1-2  
Outcome 1.1.1-2)
- (Stakeholders: All)